FORM APPROVED Form 3160-3 OMB No. 1004-0136 (September 2001) Expires January 31, 2004 UNITED STATES 5. Lease Serial No. DEPARTMENT OF THE INTERIOR UTU-79834 BUREAU OF LAND MANAGEMENT If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER N/A 7. If Unit or CA Agreement, Name and No. la. Type of Work: I DRILL REENTER 8. Lease Name and Well No. Single Zone Multiple Zone Oil Well Gas Well Gother Federal 13-15-9-16 1b. Type of Well: 9. API Well No Name of Operator Newfield Production Company 3b. Phone No. (include area code) 3a. Address (435) 646-3721 Monument Butte Route #3 Box 3630, Myton UT 84052 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.*) 717' FSL 469' FWL 575731X At surface SW/SW Sec. 15, T9S R16E SW/SW 110.112498 44307621 At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office UT Duchesne Approximatley 21.7 miles southwest of Myton, Utah 17. Spacing Unit dedicated to this well 15. Distance from proposed* 16. No. of Acres in lease location to nearest property or lease line, ft 40 Acres Approx. 469' f/lse, NA' f/unit 160.00 (Also to nearest drig. unit line, if any) 20. BLM/BIA Bond No. on file 19. Proposed Depth 18. Distance from proposed location* to nearest well, drilling, completed, Approx. 1014' UTB000192 applied for, on this lease, ft. 5975 22. Approximate date work will start* Elevations (Show whether DF, KDB, RT, GL, etc.) 23 Estimated duration 2nd Quarter 2006 Approximately seven (7) days from spud to no release 5846' GL 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. Item 20 above). 2. A Drilling Plan. Operator certification. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. Name (Printed/Typed) 25. Signature Mandie Crozier 3/17/06 Specialist Name (Printed/Typed) BRADLEY G. HILL

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

ENVIRONMENTAL MANAGER

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

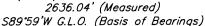
*(Instructions on reverse)

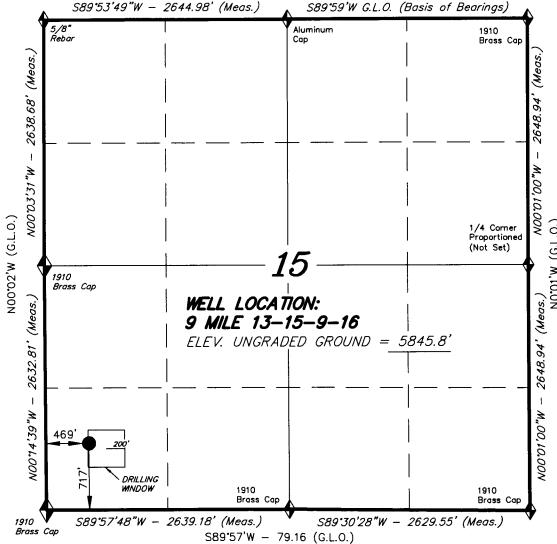
Federal Approval of this Action is Necessary RECEIVED

APR 8 4 2006

T9S, R16E, S.L.B.&M.

S89*59'W - 79.88 (G.L.O.)





lack

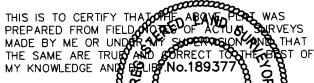
= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 13-15-9-16 (Surface Location) NAD 83 LATITUDE = 40° 01′ 32.15″ LONGITUDE = 110° 06′ 47.37″

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-15-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 15, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





REGISTERAD LANS SURVEYOR REGISTRATION No. STATE OF GLAMATE OF

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 1-24-06	SURVEYED BY: C.M.
DATE DRAWN: 1-26-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



March 31, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

lando Carjos

RE: Applications for Permit to Drill: Federal 5-15-9-16, 12-15-9-16, and 13-15-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 12-15-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

RECEIVED
APR 8 4 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY FEDERAL #13-15-9-16 SW/SW SECTION 15, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 2380' Green River 2380' Wasatch 5975'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2380' - 5975' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #13-15-9-16 SW/SW SECTION 15, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #13-15-9-16 located in the SW 1/4 SW 1/4 Section 15, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly -10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly -7.8 miles \pm to it's junction with an existing road to the east; proceed easterly and then southwesterly -1.4 miles \pm to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road -1.640° \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon. Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey for this area is attached. MOAC Report #05-500, 12/1/05. The Paleontological Resource Survey will be forthcoming. See attached report cover page, Exhibit "D".

For the Federal #13-15-9-16 Newfield Production Company requests a 450' ROW be granted in Lease UTU-017985 and 1190' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 450' ROW be granted in Lease UTU-017985 and 1190' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 450' ROW be granted in Lease UTU-017985 and 1190' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line.

Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte. Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7. T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested WheatgrassAgropyron Cristatum4 lbs/acreNeedle and ThreadgrassStipa Comata4 lbs/acreIndian RicegrassOrvzopsis Hymenoides4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-15-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-15-9-16 SW/SW Section 15. Township 9S. Range 16E: Lease UTU-79834 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are

rue and correct to the best of my knowledge; and that the work associated with the operations
roposed here will be performed by Newfield Production Company and its contractors and
ubcontractors in conformity with this plan and the terms and conditions under which it is
pproved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false
tatement.

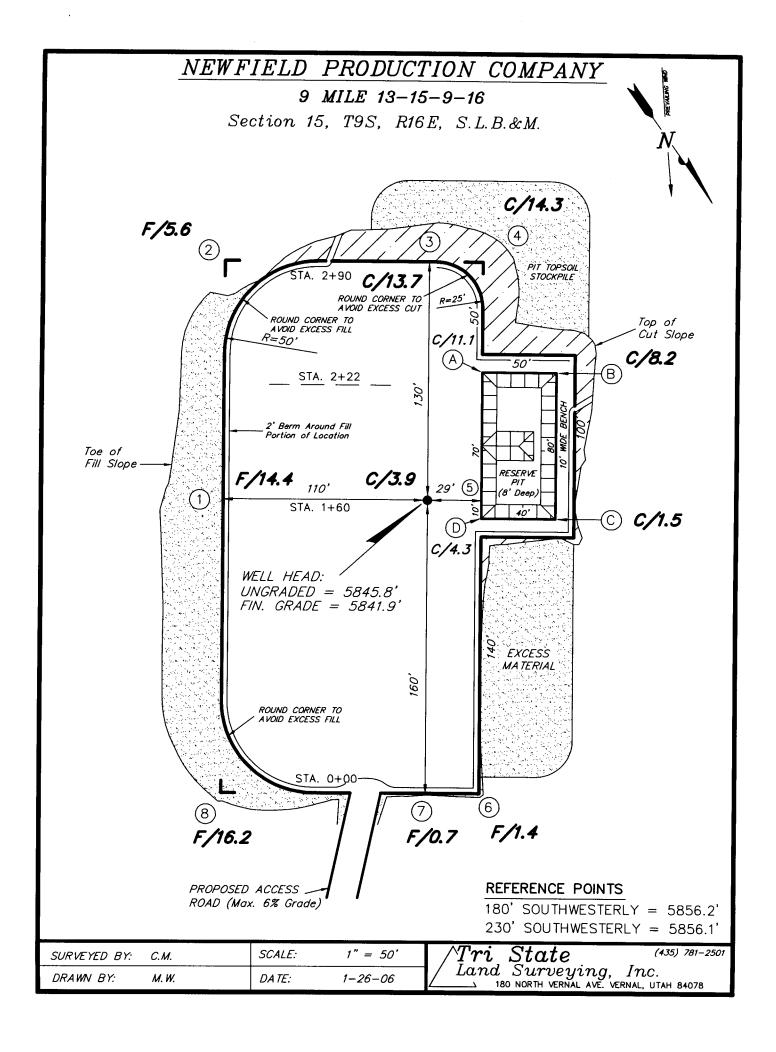
3/17/06

Date

Mandie Crozier

Regulatory Specialist

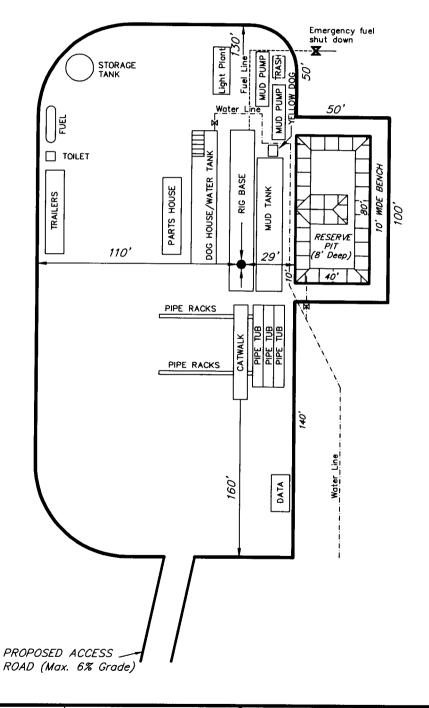
Newfield Production Company



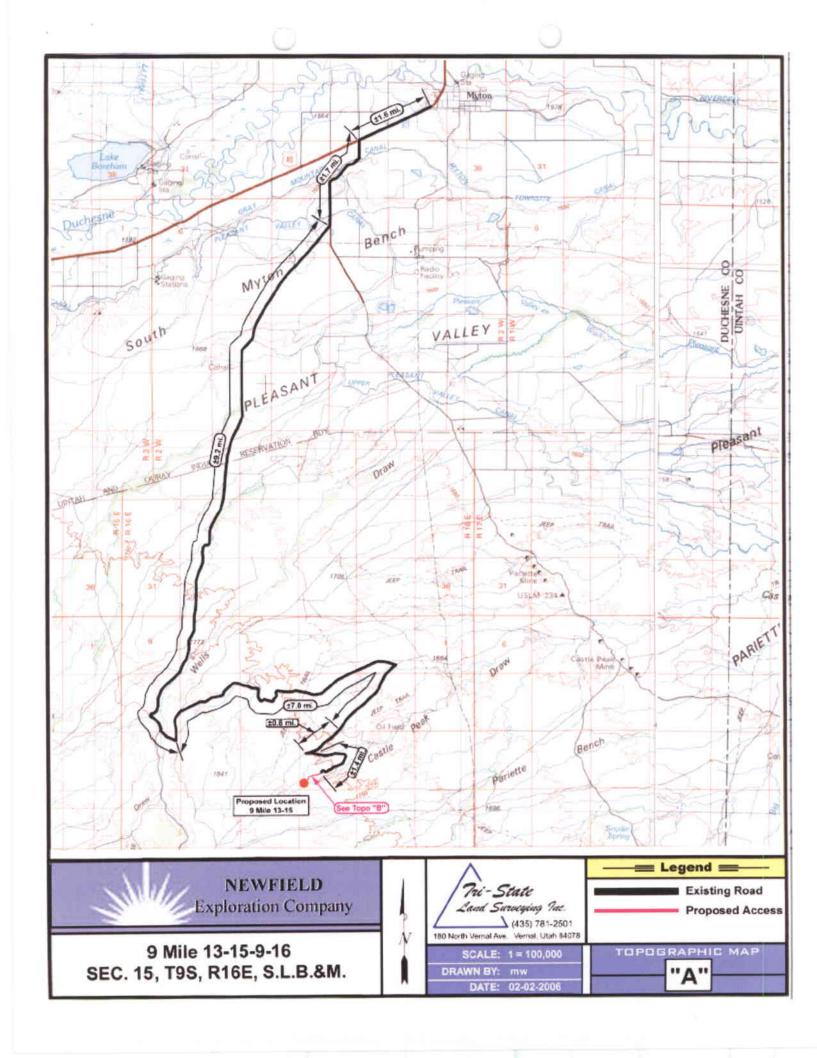
NEWFIELD PRODUCTION COMPANY CROSS SECTIONS 9 MILE 13-15-9-16 20, П STA. 2+90 1" = 50'20, 11 -STA. 2+22 1" = 50'EXISTING FINISHED GRADE GRADE WELL HOLE 20, Ħ 1" = 50'STA. 1+60 20, П 1" = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) 6" TOPSOIL EXCESS ITEM CUT **FILL** PAD 5,780 5,780 Topsoil is not included in Pad Cut UNLESS OTHERWISE NOTED PIT 640 640 ALL CUT/FILL SLOPES ARE TOTALS 6,420 5,780 1,060 AT 1.5:1 640

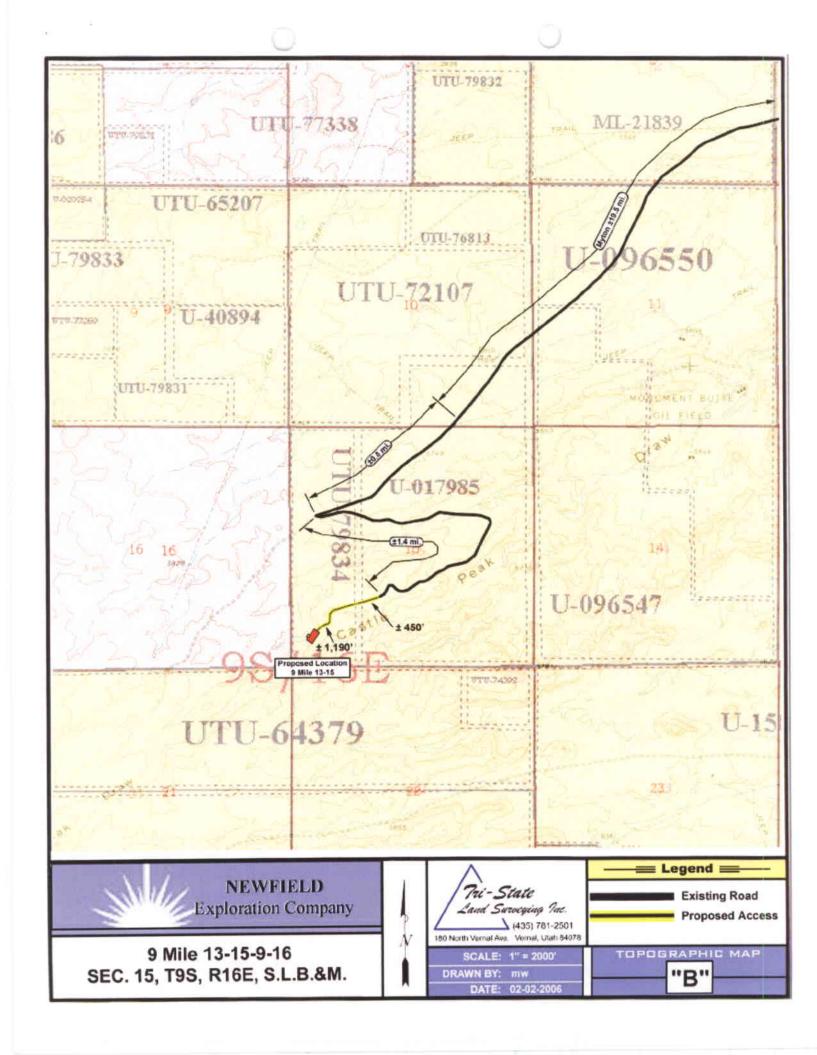
SURVEYED BY:	C.M.	SCALE:	1" = 50'	/Ṭri State	(435) 781–2501 -
DRAWN BY:	м. w.	DATE:	1-26-06	Land Surveying,	Inc.nal, utah 84078

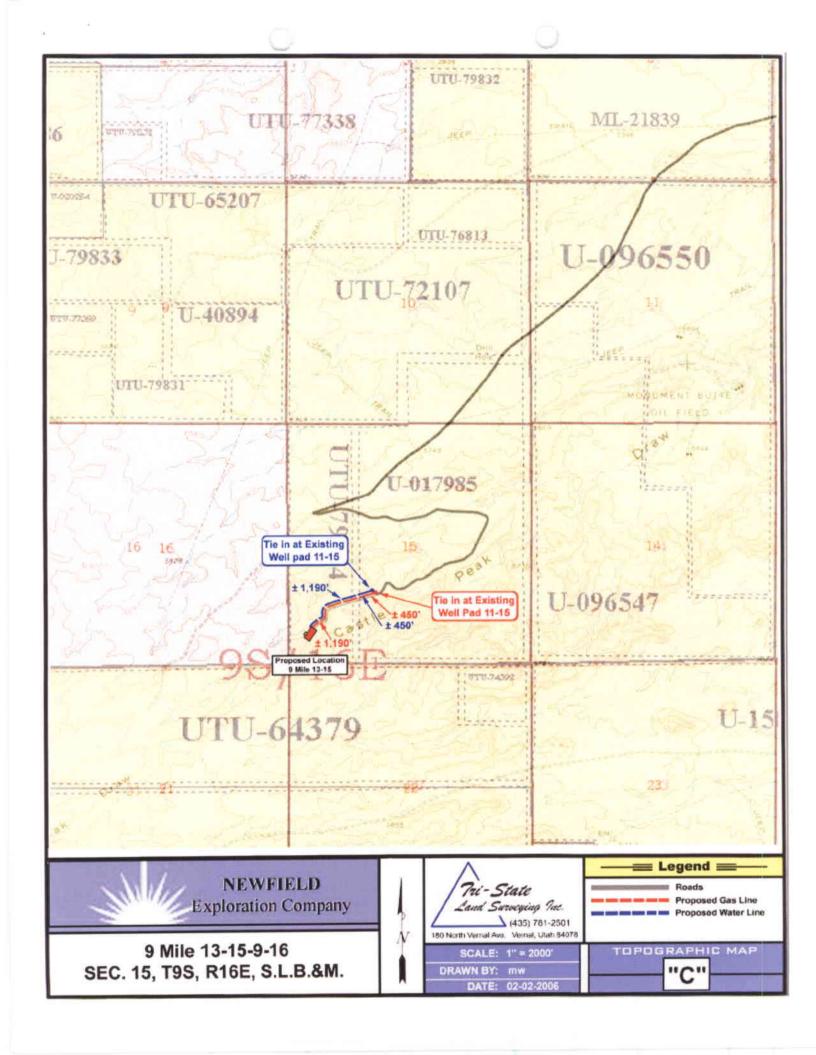
NEWFIELD PRODUCTION COMPANY TYPICAL RIG LAYOUT 9 MILE 13-15-9-16

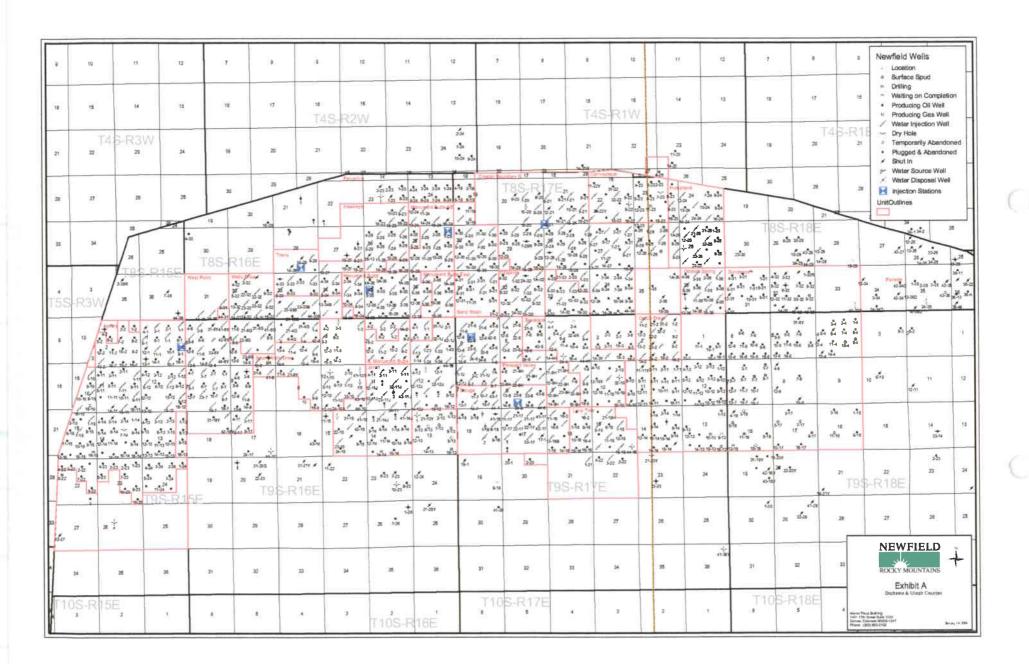


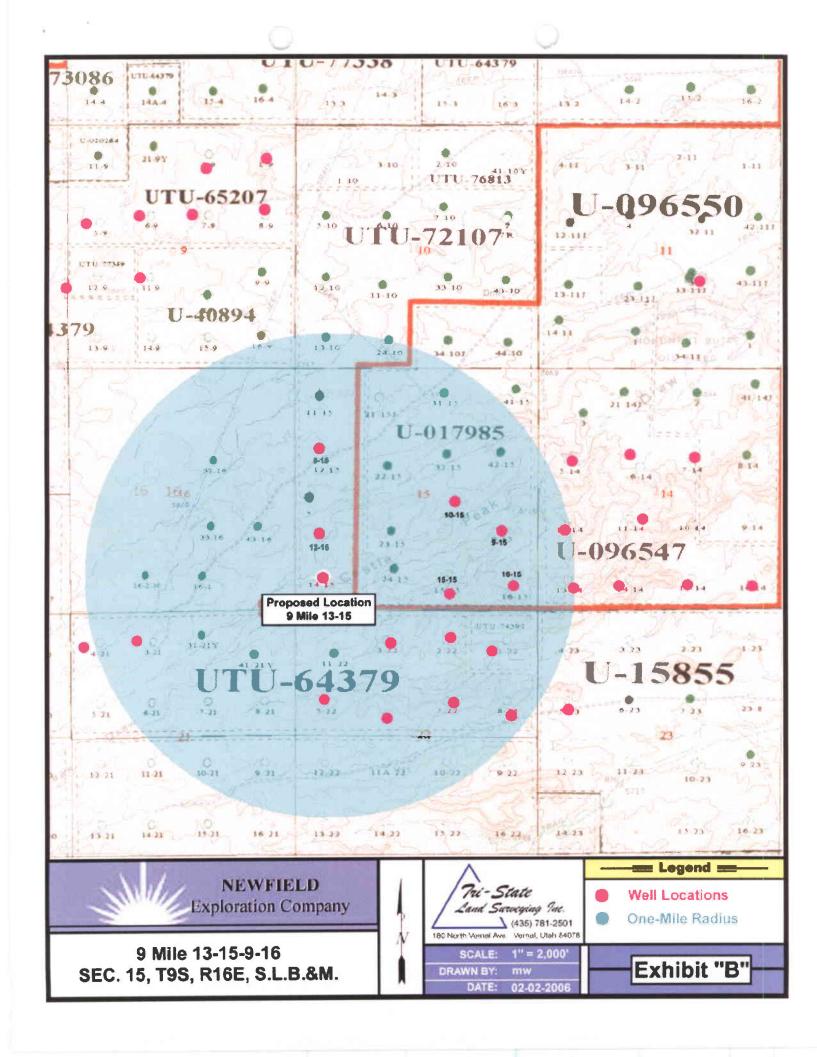
SURVEYED BY: C.M.	SCALE:	1" = 50'	/Tri $State$ (435) 781	2501
DRAWN BY: M.W.	DATE:	1-26-06	Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078	











2-M SYSTEM

Blowout Prevention Equipment Systems

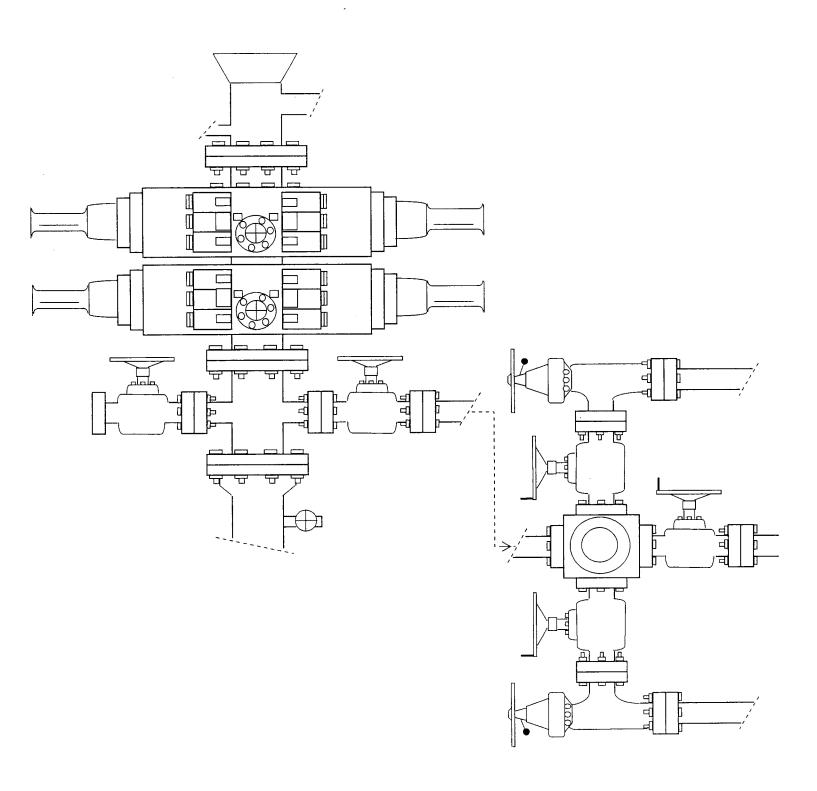


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S TWO 40 ACRE PARCELS IN TOWNSHIP 9S, RANGE 16E, SECTION 15, DUCHESNE COUNTY, UTAH

By:

Jenn Mueller and Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-500

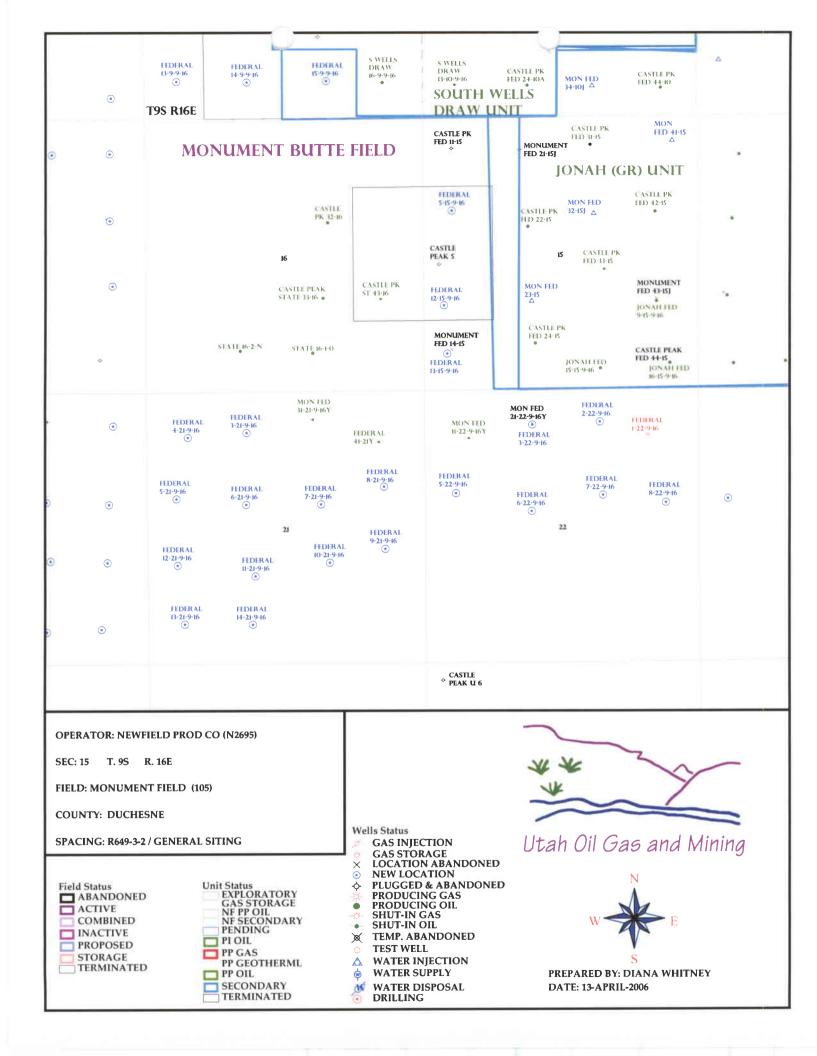
December 1, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-1407b

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/04/2006	API NO. ASSIGNED: 43-013-33136
WELL NAME: FEDERAL 13-15-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION: SWSW 15 090S 160E SURFACE: 0717 FSL 0469 FWL	INSPECT LOCATN BY: / / Tech Review Initials Date
BOTTOM: 0717 FSL 0469 FWL COUNTY: DUCHESNE	Engineering Geology
LATITUDE: 40.02556 LONGITUDE: -110.1125 UTM SURF EASTINGS: 575731 NORTHINGS: 4430762 FIELD NAME: MONUMENT BUTTE (105)	Curfago
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-79834 SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO
RECEIVED AND/OR REVIEWED: / Plat / Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) N Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 / Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) NAME OF THE PROOF OF THE	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
STIPULATIONS: 1 Jean W Myprovide 2 Spacing Ship	





State of Utah

Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

April 17, 2006

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

Federal 13-15-9-16 Well, 717' FSL, 469' FWL, SW SW, Sec. 15, T. 9 South,

R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33136.

Sincerely,

Gil Hunt

Associate Director

Auth

pab **Enclosures**

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company				
Well Name & Number	Federal 13-15-9-16				
API Number:	43-013-33136				
Lease:	UTU-7				
Location: <u>SW SW</u>	Sec. 15	T. 9 South	R. 16 East		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

FORM 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

	Expires:	March 31,	1993
Les	se Design	ation and S	erial No

SUNDRY NOTICES AND REPORTS ON WELLS UTU-79834 Do not use this form for proposals to drill or to deepen or reentry a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -" for such proposals NA 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE NA 1. Type of Well Oil 8. Well Name and No. Gas Well Well Other FEDERAL 13-15-9-16 9. API Well No. 2. Name of Operator 43-013-33136 **NEWFIELD PRODUCTION COMPANY** 10. Field and Pool, or Exploratory Area 3. Address and Telephone No MONUMENT BUTTE Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721 11. County or Parish, State 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 717 FSL 469 FWL SW/SW Section 15, T9S R16E **DUCHESNE COUNTY, UT.** CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Conversion to Injection Altering Casing **Permit Extension** Other Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Newfield Production Company requests to extend the Permit to Drill this well for one year. The original

approval date was 4/17/06 (expiration 4/17/07).

This APD has not been approved yet by the BLM.

Approved by the Utah Division of Oil. Gas and Mining

RECEIVED

APR 0 9 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing true and correct Signed Mandie Crozier	Title	Regulatory Specialist	Date	4/4/2007
CC: UTAH DOGM				
(This space for Federal or State office use)				
Approved by	Title		Date	
Conditions of approval, if any:				
CC: Utah DOGM				

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: Federal 13-15-9-16 Location: SW/SW Section 15,T9S R16E Company Permit Issued to: Newfield Production Compa Date Original Permit Issued: 4/17/2006	nny
The undersigned as owner with legal rights to drill on the above, hereby verifies that the information as submitted approved application to drill, remains valid and does not be above.	d in the previously
Following is a checklist of some items related to the apverified.	plication, which should be
If located on private land, has the ownership changed, agreement been updated? Yes □ No □	if so, has the surface
Have any wells been drilled in the vicinity of the proposithe spacing or siting requirements for this location? Ye	
Has there been any unit or other agreements put in pla permitting or operation of this proposed well? Yes□No	
Have there been any changes to the access route included of-way, which could affect the proposed location? Yes!	
Has the approved source of water for drilling changed?	Yes□No ☑
Have there been any physical changes to the surface I which will require a change in plans from what was disevaluation? Yes□Noเ☑	
Is bonding still in place, which covers this proposed we	ell? Yes ☑ No □
Mandi Ciorin Signature	4/4/2007 Date
Title: Regulatory Specialist	RECEIVED
Depresenting	APR 0 9 2007
Representing: Newfield Production Company	DIV. OF OIL, GAS & MINING

RECEIVED

APR 0 3 2006

BLM VERNAL, UTAH FORM APPROVED Form 3160-3 OMB No. 1004-0136 Expires January 31, 2004 (September 2001) UNITED STATES 5 Lease Serial No. DEPARTMENT OF THE INTERIOR UTU-79834 BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. la. Type of Work: ☐ REENTER N/A 8. Lease Name and Well No. 🔼 Oil Well 🔲 Gas Well 🚨 Other Single Zone Multiple Zone Federal 13-15-9-16 Name of Operator 9. API Well No. **Newfield Production Company** 43-013-331 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 3a. Address (435) 646-3721 Monument Butte Route #3 Box 3630, Myton UT 84052 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.*) At surface SW/SW 717' FSL 469' FWL SW/SW Sec. 15, T9S R16E At proposed prod. zone 13. State 12. County or Parish 14. Distance in miles and direction from nearest town or post office* UT Duchesne Approximatley 21.7 miles southwest of Myton, Utah 15. Distance from proposed* 16. No. of Acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. 40 Acres (Also to nearest drig. unit line, if any) Approx. 469' f/lse, NA' f/unit 160.00 19. Proposed Depth 20. BLM/BIA Bond No. on file 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1014' UTB000192 5975 22. Approximate date work will start* 23. Estimated duration 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 2nd Quarter 2006 5846' GL 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. Item 20 above). Operator certification. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. Name (Printed/Typed) Date 25. Signature Mandie Crozier 3/17/06 Title Regulatory Specialist Name (Printed-Typed) Date Approved by (Signatu

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Conditions of approval, if any, are attached.

Assistant Field Manager ands & Mineral Resources

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APR 21 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING



No NOS

D7BM4661A



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VERNAL FIELD OFFICE



170 South 500 East

VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Location: SWSW, Sec 15, T9S, R16E Company: **Newfield Production Company**

UTU-79834 Well No: Federal 13-15-9-16 Lease No:

Agreement: N/A API No: 43-013-33136

Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Petroleum Engineer: Michael Lee Office: 435-781-4432 Cell: 435-828-7875 Petroleum Engineer: Office: 435-781-4470 Cell: 435-828-7874 Jim Ashley Office: 435-781-4430 Petroleum Engineer: Ryan Angus Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 Paul Buhler **Environmental Scientist:** Office: 435-781-4475 Cell: 435-828-4029 **Environmental Scientist:** Karl Wright Office: 435-781-4484 Office: 435-781-4404 Natural Resource Specialist: Holly Villa Melissa Hawk Office: 435-781-4476 Natural Resource Specialist: Natural Resource Specialist: Chuck Macdonald Office: 435-781-4441 Office: 435-781-4447 Natural Resource Specialist: Darren Williams Natural Resource Specialist: Verlyn Pindell Office: 435-781-3402 After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Chuck Macdonald) Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Chuck Macdonald) Prior to moving on the drilling rig.

Spud Notice (Notify Petroleum Engineer) Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing (Notify Jamie Sparger)

Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests (Notify Jamie Sparger)

Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Petroleum Engineer) Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 8 Well: Federal 13-15-9-16

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

LEASE STIPULATIONS AND NOTICES

- There are 3 Golden Eagle nests located within 0.5 miles of the proposed location. No construction or drilling shall occur from February 1 through July 15 to protect the eagles during nesting season.
- No surface occupancy or use is allowed (does not apply to casual use) within ½ mile of Golden Eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts can be mitigated through other management actions or site specific analysis of terrain features (see comment number 1 below).
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lease Notices (field review and RMP):
 - 1. Lessee/operator is given notice that lands in this lease have been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
 - 2. Lessee/operator is given notice that lands in this lease have been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- 1. The Golden Eagle "No Surface Occupancy" Stipulation does not apply to this location. The Golden Eagle nest located within 0.5 miles of the location has not been active for the last 2 years.
- 2. The Division of Wildlife Resources has designated lands in this area as containing potential antelope habitat and Mountain Plover habitat.
- 3. If it is anticipated that construction or drilling will occur within the timing restrictions for the Golden Eagle, a BLM or qualified biologist must be contacted at least 2 weeks prior to the anticipated construction start date so surveys can be initiated.

CONDITIONS OF APPROVAL

- ROW (Right of Way):
 - 1. Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction.

COAs: Page 3 of 8 Well: Federal 13-15-9-16

2. Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction of a surface 6" gas gathering line, and a surface 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure.

- 3. Construction of water pipelines. Water pipelines will be buried 4 to 5 feet deep to avoid freezing. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. Buried water pipelines will be 3" steel water injection line and 3" poly water return line.
- The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.

COAs: Page 4 of 8 Well: Federal 13-15-9-16

• If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

• The interim seed mix for this location shall be:

Crested wheatgrass (*Agropyron cristatum*): 4 lbs/acre Needle and Threadgrass (*Hesperostipa comata*): 4 lbs/acre Indian Ricegrass (*Achnatherum hymenoides*): 4 lbs/acre

- All pounds are in pure live seed.
- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

COAs: Page 5 of 8 Well: Federal 13-15-9-16

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
- 2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

COAs: Page 6 of 8 Well: Federal 13-15-9-16

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

- 6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- 8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

COAs: Page 7 of 8 Well: Federal 13-15-9-16

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

COAs: Page 8 of 8 Well: Federal 13-15-9-16

f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Pr	roduction Comp	any	
Well Name: Federal 13-15-9-16			
API No: 43-013-33136	Leas	e Type: <u>Federal</u>	
Section 15 Township 09S	Range_ 16E C	County <u>Duchesne</u>	
Drilling Contractor Ross Rig	····	Rig #_ 24	
SPUDDED: Date <u>5-21-07</u>			
Time <u>5:30 PM</u>			
How_Dry_			
Drilling will Commence:			-
Reported by Justin Crum			
Telephone # 435-823-6733			
Date 5-22-07	Signed	RM	

STATE OF UTAH DIVISION OF OIL, GAS AND MINING **ENTITY ACTION FORM -FORM 6**

CURRENT

ENTITY NO.

ACTION

CODE

NEW

ENTITY NO.

API NUMBER

ADDRESS: RT. 3 BOX 3630

WELL HAVE

OPERATOR: NEWFIELD PRODUCTION COMPANY

SC

WELLLOCATION

TP RG

COUNTY

MYTON, UT 84052

00

M2695 OPERATOR ACCT. NO.

SPUO

DATE

EFFECTIVE

DATE

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	GR	RV			BHL	. =	5E		SEC 1	<u></u>	
ACTION	CURRENT	NEW	API NUMBER	WELL IOME	00	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	16138	4301332921	FEDERAL 10-18-9-16	NWSE		98		DUCHESNE	5/18/2007	5/30/01
	GRA	W									
ACHON	CURRENT	NEW	API NUMBER	WELL NAME				OCATION		SPUD	EFFECTIVE
CODE	EXTITY NO.	ENTITY NO.			00	SC.	TIP	RG	COUNTY	DATE	DATE
A	99999	16/39	4301333136	FEDERAL 13-15-9-16	SWSW	15	95	18E	DUCHESNE	5/22/2007	5/30/01
	GRI	ev	-								-
ACTION	CURRENT	NEW	API NUMBER	WELL NAME	90	80	TP	DCATION	COUNTY	SPUD Date	EFFECTIVE DATE
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WELL 5 C	OWNENTS: GR	ev		west Point							
ACTION	CURRENT	HEW	API NUMBER	WELL NAME	90	80	WELL	OCATION	COURTY	SPUD DATE	EFFECTIVE DATE
CODE	99999 99999	16140	4301333164	FEDERAL 15-21-9-16	SWSE		98		DUCHESNE	5/16/2007	5/30/01
	CHAPTE: GRA	1.4.7.	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,							
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D- v	wat from one misting entity I	to a new entity		MAY 2 3	2007			(Production Clerk		April 18, 2007
E- 1	har (explain in constants see	ction)		MAY 2 3 2007							Deta

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM A	APPROVED
OMB No	. 1004-0135
Evnires Is	nuary 31 200/

5. Lease Serial No.

* 10 4			
USA	UΙ	J-01	198.

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.			6. If Indian, Allottee or Tribe Name.				
	Strick Constitution (1970), Spring Strick Constitution (1970)	grificity of the second			7. If Unit or CA/A	Agreement, Name and/or	
1. Type of Well Oil Well Gas Well Other					B. Well Name and	ł No	
2. Name of Operator					FEDERAL 13-15-9-16		
NEWFIELD PRODUCTION COMPANY					9. API Well No.		
3a. Address Route 3 Box 3630)	4301333136		
Myton, UT 84052 435.646.3721					I, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					MONUMENT 1 1. County or Par		
SWSW Section 15 T9S R16E					DUCHESNE, UT		
12. CHECK	APPROPRIATE BOX(ES)	TO INIDICA	ΓE NATUR	E OF NO			
TYPE OF SUBMISSION			TYPE OF	ACTION			
□ Notice of Intent □ Subsequent Report □ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construc Plug & Aband Plug Back		Production(Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal		Water Shut-Off Well Integrity Other Spud Notice	
Set @ 323.71 KB. On 5/2 cf/ sk yeild. Returned 1 b	24. Spud well @ 5:30 PM. Dr 2/07 cement with 160 sks of cooking the sement to pit. BLM was pr	class "G" w/ 3	% CaCL2 +	1/4# sk Coperation.	Relio- Flake Mi WOC. RECE MAY 3	8 5/8" J-55 24 # csgn. ixed @ 15.8 ppg > 1.17 EIVED 0 2007 GAS & MINING	
I hereby certify that the foregoing is correct (Printed/ Typed)	true and	Title					
Justin Crum		Drilling	Foreman				
Signature		Date 05/26/20	207				
	Natursaryenasi	(1/1/1) (1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/		CONTRACTOR	1883 (3%)		
			Title		Dat	t a	
Approved by Conditions of approval, if any, are attach	ed. Approval of this notice does not warra	ant or	1.106				
	uitable title to those rights in the subject le		Office				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

			<u>8 5/8</u>	CASING SE	T AT	323.71	_						
LAST CASII	NG <u>8 5/8"</u>	set @	323.71		OPERATOR	L	Newfield F	Production C	ompany				
DATUM					WELL	Federal 1	3-15-9-16						
OT MUTAC	CUT OFF C	ASING _			FIELD/PRO	SPECT _	Monument	Butte					
OT MUTAC	BRADENHE	AD FLANGE			CONTRACT	OR & RIG	#	Ross # 24					
TD DRILLER	320'	LOGGI	ER										
HOLE SIZE	12 1/4	<u>, </u>											
OG OF CA	SING STRIN	IG [.]							<u></u>				
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		Shoe	Joint 43.98'										
		WHI - 92 cs			_		8rd	A	0.95				
7	8 5/8"	Maverick ST			24#	J-55	8rd	Α	312.81				
			OLUBE	shoe			8rd	Α	0.9				
CASING INV	/ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING		313.71				
	GTH OF ST		313.71 7			LESS CUT OFF PIECE				LESS CUT OFF PIECE			2
	CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12				
LUS FULL	JTS. LEFT (DUT	0						323.71				
	TOTAL		311.86	7	٦,			_					
	. DEL. (W/O	THRDS)	311.86	7		ιE							
IMING			1ST STAGE										
EGIN RUN	CSG.	Spud	5/21/2007			THRU JOE	3	YES					
SG. IN HO	LE		5/22/2007		Bbls CMT CI	RC TO SUI	RFACE	1					
EGIN CIRC	;		5/22/2007		RECIPROCA	ATED PIPE	FOR	<u>N</u> A					
EGIN PUM	P CMT		5/22/2007				_						
EGIN DSPI	L. CMT		5/22/2007		BUMPED PL	.UG TO _			870				
LUG DOW	N		5/22/2007										
EMENT US	ED			CEMENT CO	OMPANY-	B. J.							
TAGE	# SX			CEMENT TY	PE & ADDITIV	ES							
1	160	Class "G" w/	2% CaCL2 + 1	I/4#/sk Cello-	Flake mixed @	15.8 ppg 1	.17 cf/sk yield						
ENTRALIZ	ER & SCRA	TCHER PLAC	CEMENT			SHOW MAI	KE & SPACIN	G	····				
entralizers	s - Middle fi	st, top seco	nd & third for	3									
								_					

COMPANY REPRESENTATIVE	Justin Crum	DATE <u>5/25/2007</u>	

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31 2004

5. Lease Serial No.		_
USA UTU-017985		
6 If Indian Allottee or Tribe Name		

abandoned w	rell. Use Form 3160-3 (APD) for such proposal	s.	o. II ilidian, Alloc	tee of Tribe Name.
1. Type of Well	REBUIE VER OFFICERS	gestins after ess. Decide Field		7. If Unit or CA/A	greement, Name and/or
	Other			8. Well Name and	No
2. Name of Operator	- Oute			FEDERAL 13	
NEWFIELD PRODUCTION CO	OMPANY			9. API Well No.	13 7 10
3a. Address Route 3 Box 3630	4301333136				
Myton, UT 84052		435.646.3721	·		, or Exploratory Area
4. Location of Well (Footage,	Sec., T., R., M., or Survey Descripti	on)		MONUMENT	BUTTE
				11. County or Par	ish, State
SWSW Section 15 T9S R16E				DIJOUEONE I	I-T
				DUCHESNE, U	
12. CHECK	APPROPRIATE BOX(ES)	TO INIDICATE NA	ATURE OF NO	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		
D	☐ Acidize	Deepen	☐ Production	(Start/Resume)	☐ Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	on	☐ Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplet	e	Other
	Change Plans	Plug & Abandon	Temporari	ly Abandon	Weekly Status Report
Final Abandonment	Convert to	Plug Back	Water Dis	•	
inspection.) On 5/24/07 MIRU NDSI F csgn to 1,500 psi. Vernal cement & shoe. Drill a 7.8 log's TD to surface. PU & with 300 sks cement mixe	efiled only after all requirements, including #1. Set all equipment. Pr BLM field, & Roosevelt DOG 1875 hole with fresh water to a 1881 TIH with Guide shoe, shoe judy and the shoe of the	essure test Kelly, TIV 6M office was notifed a depth of 5960'. Lay t, float collar, 136 jt's ne 450 sks cement m	V, Choke manil of test. PU BH, down drill string of 5.5 J-55, 15 ixed @ 14.4 pp	old, & Bop's to A and tag ceme g & BHA. Open .5# csgn. Set @ g & 1.24 yld. R	2,000 psi. Test 8.625 ent @ 270'. Drill out hole log w/ Dig/SP/GR Ø 5957.39' / KB. Cement eturned 35 bbls of
					RECEIVED JUN 0 1 2007 PFOIL, GAS & MINING
I hereby certify that the foregoing is correct (Printed/ Typed)	true and	Title			
Jim Smith		Drilling Forem	an		
Signature		Date			
_ dehot		05/30/2007	<u></u>		

which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

			5 1/2"	CASING SET	AT	5957.39	•		
					Fit clir @ 58	99.5			
LAST CASI	NG <u>8 5/8</u> '	SET	AT 3 <u>23'</u>		OPERATOR	₹	Newfield i	Production	Company
DATUM	12' KB				WELL	Federal 13	3-15-9-16		
DATUM TO	CUT OFF C	ASING _	12'		FIELD/PRO	SPECT _	Monumen	t Butte	
DATUM TO	BRADENHE	EAD FLANGE			CONTRACT	OR & RIG#		NDSI # 1	
TD DRILLER	5950'	Loggers							
HOLE SIZE	7 7/8"						_		
	·								
LOG OF CA	SING STRIN	IG:							
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt							14
	<u></u>	Short jt	(')						
134	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	A	5899.55
		Float collar							0.6
11	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	Α	44.59
			GUIDE	shoe			8rd	Α	0.65
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING		5959.39
TOTAL LEN	GTH OF STI	RING	5959.39	135	LESS CUT (OFF PIECE			14
LESS NON	CSG. ITEMS		15.25		PLUS DATU	м то т/сит	OFF CSG		12
PLUS FULL	JTS. LEFT (DUT	484.8	11	CASING SE	T DEPTH			5957.39
	TOTAL		6428.94	146	ר				
TOTAL CSG	. DEL. (W/O	THRDS)	6428.94	146	COMPAR	ι E			
TIMING			1ST STAGE	2nd STAGE	-				
BEGIN RUN	CSG.		5/28/2007	7:00 PM	GOOD CIRC	THRU JOB		Yes	
CSG. IN HO	LE	i	5/28/2007	9:30 PM	Bbls CMT CI	RC TO SUR	FACE		
BEGIN CIRC	,		5/28/2007	9:45 PM	RECIPROCA	ATED PIPE F	OR	THRUSTRO	<u>KE N</u> A
BEGIN PUM	P CMT		5/28/2007	11:33 PM	DID BACK P	RES. VALVE	HOLD?	Yes	
BEGIN DSPI	CMT		5/29/2007	12:26 AM	BUMPED PL	.UG TO		1920	PSI
PLUG DOWI	V		5/29/2007	12:53 AM					
CEMENT US	ED			CEMENT CON	IPANY-	B. J.			
STAGE	# SX			CEMENT TYP	E & ADDITIV	ES	•		
1	300	Premiite II w	' 10% gel + 3 °	% KCL, 5#'s /sk	CSE + 2# sk	√kolseal + 1/	2#'s/sk Cello	Flake	
		mixed @ 11.	0 ppg W / 3.43	cf/sk yield					
2	450	50/50 poz W	/ 2% Gel + 3%	KCL, .5%EC1,	1/4# sk C.F.	2% gel. 3% \$	SM mixed @	14.4 ppg W/	1.24 YLD
CENTRALIZI	ER & SCRAT	CHER PLAC	EMENT			SHOW MAK	E & SPACIN	IG	•
Centralizers	- Middle fir	st, top seco	nd & third. Th	en every third	collar for a	total of 20.			
					. , ,				
								· · · · · · · · · · · · · · · · · · ·	

COMPANY REPRESENTATIVE Jim Smith

FORM 3160-5 (September 2001)	UNITED STATES	EDIOD			FORM APPROVED DMB No. 1004-0135
(September 2001)	DEPARTMENT OF THE INT		pires January 31,2004		
		5. Lease Serial N			
SUND	RY NOTICES AND REPORT to this form for proposals to dr	S ON WELLS iii or to re-enter a	in	USA UTU-017	
abandoned	well. Use Form 3160-3 (APD)	for such proposa	als.	6. If Indian, Allo	tee or Tribe Name.
				-	
				7. If Unit or CA/A	Agreement, Name and/or
				. ,	
_1. Type of Well					
Oil Well Gas Well	Other Other			8. Well Name and	
2. Name of Operator NEWFIELD PRODUCTION	COMPANY		_	FEDERAL 1	
3a. Address Route 3 Box 363		. Phone (include a	are code)	9. API Well No. 4301333136	*
Myton, UT 8405	The second secon	435.646.3721	**	ALC: CAN THE CONTRACTOR OF THE	l, or Exploratory Area
	ge, Sec., T., R., M., or Survey Description				BULT Burks were seen to
		, , , , , , , , , , , , , , , , , , , ,	100	11. County or Par	
Control of the Contro		Salar C			THE PERSON NAMED OF THE PE
SWSW Section 1519S R16		44.00	733.	DUCHESNE, U	
12. CHE	CK APPROPRIATE BOX(ES)	TO INIDICATE N	NATURE OF NO	OTICE, OR OT	THER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
TIL OF GODINGGION	1		495		
Notice of Inten	Acidize	Deepen	1000	n(Start/Resume)	☐ Water Shut-Off
Trouce of medical	Alter Casing	Fracture Treat	- Redamati		☐ Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomple		Other
	Change Plans	Plug & Abandon	Temporari	ily Abandon	
Final Abandonment	Convert to	Plug Back	Water Dis	posal	
produced water is injective. Water not meeting qua	tte, Jonah, and Beluga water injected into approved Class II wells	to enhance Newfi	eld's secondary	recovery projec	ot.
approved surface disp	osal facilities.				
			by the Division of s and Mining		
		■ 2007 2007	d by "		
		18 . 18	Division o	a	
		(Gat	s and William	V	
		Oil, Ga	10 nace	1/7.	•
		rna Rí	ECORD ON		
		FOILT			
I hereby certify that the foregoin	g is true and	Title			
correct (Printed/ Typed)	9 10 11 110 11111				
Mandie Crozier		Regulatory S	pecialist	 	
Signature	() .	Date			
M landie	wy	06/26/2007	- 10 10 10 10 10 10 10 10 10 10 10 10 10		
Approved by		Title		IDat	<u>te</u>
Conditions of approval, if any, are att	tached. Approval of this notice does not warra or equitable title to those rights in the subject le	nt or case Offic	ce		
which would antitle the applicant to a	anduct operations thereon				
Title 18 U.S.C. Section 1001 and Title	le 43 U.S.C. Section 1212, make it a crime for lent statements or representations as to any ma	any populowing V	willfully to make to a	my department or ag	ency of the United
States any false, fictitious and fraudu	lent statements or representations as to any ma	tter within its jurisdiction	onny		

(Instructions on reverse)

JUL 0 3 2007 DIV. OF OIL, GAS & MINING

STATE OF UTAH

NAME (PLEASE PRINT) Jentri Park

	5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-017985			
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposals to dril wells, or to drill horizonta	7. UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL: OIL WELL	_			8. WELL NAME and NUMBER: FEDERAL 13-15-9-16
2. NAME OF OPERATOR:				9. API NUMBER:
NEWFIELD PRODUCTION COM	PANY			4301333136
3. ADDRESS OF OPERATOR:	M. III	an 94052	PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
Route 3 Box 3630 CIT 4. LOCATION OF WELL:	Y Myton STATE UT	ZIP 84052	433.040.3721	MONOMENT BOTTE
FOOTAGES AT SURFACE:				COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: SWSW, 15, T9S, R16E			STATE: UT
11. CHECK APPROF	PRIATE BOXES TO INDICAT	E NATURE C	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION	
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will	CASING REPAIR	NEW CONSTR		TEMPORARITLY ABANDON
Approximate date work will	CHANGE TO PREVIOUS PLANS	OPERATOR C	CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND A	BANDON	VENT OR FLAIR
X SUBSEQUENT REPORT	CHANGE WELL NAME	PLUGBACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	N (START/STOP)	WATER SHUT-OFF
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	=	ON OF WELL SITE	X OTHER: - Weekly Status Report
07/10/2007	CONVERT WELL TYPE	_	E - DIFFERENT FORMATION	
				-1
	MPLETED OPERATIONS. Clearly show			olumes, etc.
The above subject well was	s completed on 06/25/07, attached	is a daily compl	letion status report.	

RECEIVED

TITLE Production Clerk

DATE___07/10/2007

JUL 1 1 2007

Daily Activity Report

Format For Sundry FEDERAL 13-15-9-16 4/1/2007 To 8/30/2007

6/14/2007 Day: 1

Completion

Rigless on 6/13/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5870' & cement top @ 56'. Perforate stage #1, CP5 sds @ 6058-67' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 36 shots. 140 bbls EWTR. SIFN.

6/20/2007 Day: 2

Completion

Rigless on 6/19/2007 - RU BJ Services. 37 psi on well. Frac CP5 sds w/ 40,000#'s of 20/40 sand in 406 bbls of Lightning 17 fluid. Broke @ 3007 psi. Treated w/ ave pressure of 1700 psi @ ave rate of 22.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1980 psi. Leave pressure on well. 406 BWTR. Stage #2, CP1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 14' perf gun. Set plug @ 5580'. Perforate CP1 sds @ 5467-81' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 1457 psi on well. Perfs would not break down. RU Perforators WLT. Dump bail acid on perfs. RU BJ Services. 1303 psi on well. Frac CP1 sds w/ 50,251#'s of 20/40 sand in 432 bbls of Lightning 17 fluid. Broke @ 2951 psi. Treated w/ ave pressure of 1294 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1690 psi. Leave pressure on well. 432 BWTR. Stage #3, B1 & B.5 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 6' perf gun. Set plug @ 4950'. Perforate B1 sds @ 4829-34' & B.5 sds @ 4803-09' w/ 3-1/8' Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 884 psi on well. Frac B1 & B.5 sds w/ 14,309#'s of 20/40 sand in 248 bbls of Lightning 17 fluid. Broke @ 4000 psi. Treated w/ ave pressure of 1801 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1810 psi. Leave pressure on well. 248 BWTR. Stage #4, D1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' perf gun. Set plug @ 4720'. Perforate D1 sds @ 4610-17' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 1590 psi on well. Perfs would not break. RU Perforators WLT. Dump bail acid on perfs. RU BJ Services. 1450 psi on well. Frac D1 sds w/ 25,018#'s of 20/40 sand in 338 bbls of Lightning 17 fluid. Broke @ 2755 psi. Treated w/ ave pressure of 2056 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1990 psi. Leave pressure on well. 338 BWTR. Stage #5, GB4 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun. Set plug @ 4150'. Perforate GB4 sds @ 4040-48' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1564 psi on well. Frac GB4 sds w/ 28,952#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Broke @ 3808 psi. Treated w/ ave pressure of 1723 psi @ ave rate of 24.7 BPM. ISIP 1615 psi. Open well to pit for immediate flowback @ 1 BPM. Well flowed for 3 1/2 hours & died. Recovered 200 bbls water. SWIFN.

6/21/2007 Day: 3

Completion

Western #2 on 6/20/2007 - MIRU Western #2. Bleed pressure off well. Rec est 10

BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4068'. Tbg displaced 10 BW on TIH. RU power swivel. C/O sd to composite bridge plug @ 4150'. Drill out plug in 22 minutes. Circ hole clean W/ no fluid loss. Hang back swivel. SIFN W/ EOT @ 4183'. Est 1300 BWTR.

6/22/2007 Day: 4

Completion

Western #2 on 6/21/2007 - Bleed well off. Rec est 5 BTF. Con't PU & TIH W/ bit and tbg f/ 4183'. Tag plug @ 4720'. PU swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4720' in 25 minutes; sd @ 4902', plug @ 4950' in 12 minutes; sd @ 5408', plug @ 5580' in 12 minutes. Con't swivelling jts in hole. Tag fill @ 5792'. Drill plug remains & sd to PBTD @ 5912'. Circ hole clean. Lost est 120 BW during cleanout. RD swivel. Pull EOT to 5833'. RU swab equipment. IFL @ sfc. Made 14 swb runs rec 146 BTF W/ light gas, tr oil & no sand. FFL @ 1000'. SIFN W/ est 1269 BWTR.

6/23/2007 Day: 5

Completion

Western #2 on 6/22/2007 - Bleed well off. Rec est 15 BTF W/ tr oil--stays flowing. RU & pump 15 BW dn tbg. TIH W/ tbg. Tag sd @ 5892' (20' new fill). C/O sd to PBTD @ 5912'. Circ hole cleanW/ no fluid loss. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 182 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5696' W/ SN @ 5730' & EOT @ 5792'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" & "B" grade rod string to 3200'. PU polished rod & SIFN. Est 1254 BWTR.

6/26/2007 Day: 6

Completion

Western #2 on 6/25/2007 - LD polished rod. Con't PU & TIH W/ pump and "A" & "B" grade rod string f/ 3200' (complete as follows): new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods ("A"), 20-3/4" scrapered rods ("A"), 95-3/4" scrapered rods ("B" grade W/ 2" scrapers), 7-3/4" plain rods ("B"), 100-3/4" scrapered rods ("A"), 1-6' & 1-4' X 3/4" pony rods ("A") & 1 1/2" X 26' polished rod ("A"). Seat pump & RU pumping unit. Fill tbg W/ 3 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1257 BWTR. Place well on production @ 10:30 AM 6/25/2007 W/ 86" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

(See other instructions ons reverse side)

SUBMIT IN DUPLICATE* FORM APPROVED
(See other in- OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

UTU-79384

WELL (COMP	LETION	OR R	ECOM	PLETION	REPORT A	ND LOG*	6. IF INDIAN,		OR TRIBE NAME
1a. TYPE OF WORK		ou l)	GAS [7. UNIT AGR		
		OIL WELL	X	WELL _	DRY	Other			Jo	nah
ib. TYPE OF WELL								8. FARM OR	LEASE NAM	E. WELL NO.
NEW X	WORK OVER	DEEPEN		PLUG BACK	DIFF RESVR.	Other		0		3-15-9-16
WELL ^ 2. NAME OF OPERATOR	OVER			DACK	RESVR.	Oulei		9. WELL NO.	OCHAIT I	0 10 0 10
		Ne	wfield E	Exploration	on Compan	у		10. FIELD AN		3-33136
3. ADDRESS AND TELEPH	HONE NO.	1401 17th	St. Sui	ite 1000	Denver, Co	O 80202		IU. FIELD AN		ent Butte
4. LOCATION OF WEL	L (Report lo	cations clearly a	nd in accor	dance with a	ny State requireme	ents.*)			., M., OR BL	OCK AND SURVEY
At Surface		717	FSL & 4	69. FWL (SW/SW) Sec.	15, T9S, R16E		OR AREA	Sec 15 1	T9S, R16E
At top prod. Interval rep	orted below								300. 10,	100,11102
At total depth				14. API NO.		DATE ISSUED		12. COUNTY (13. STATE
			lia a u		013-33136		4/17/07 DF, RKB, RT, GR, ET		hesne	UT 19. ELEV. CASINGHEAD
15. DATE SPUDDED 05/21/07	16. DATE T.I O	5/28/07	17. DA	TE COMPL. (R 06/2	25/07	5846		5858' KI	3	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD &	TVD	21. PLUG BAC	K T.D., MD	& TVD	22. IF MULTIP		23. INTERVALS	ROTARY TOOLS		CABLE TOOLS
5960'			5912'		HOW MAN	144	DRILLED BY	×		
24. PRODUCING INTERVA	AL(S), OF THI			OM, NAME (M	ID AND TVD)*		l			25. WAS DIRECTIONAL
				Green F	River 4040)'-5743'				SURVEY MADE
A MIND DI POTRICI AND	OTTIER LOC	n DIDI								No 27. WAS WELL CORED
26. TYPE ELECTRIC AND Dual Induction (Guard, S	SP, Compe	ensated	l Density	, Compensa	ated Neutron, (GR, Caliper,	Cement Bond		No
23.				CASIN	G RECORD (Re	port all strings set in v	well)			
CASING SIZE/G 8-5/8" - J		WEIGHT,			H SET (MD) 324'	HOLE SIZE 12-1/4"		MENT, CEMENTING REC with 160 sx Class '		AMOUNT PULLED
5-1/2" - J		15.			957'	7-7/8"		ite II and 450 sx 50		-
29.			ER RECO		a company on the	o Control (470)	30.	TUBING RE		DACKED SET (MD)
29. SIZE	TC	LIN P (MD)		RD OM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (M		PACKER SET (MD)
	TC				SACKS CEMENT	SCREEN (MD)				
SIZE 31. PERFORATION RECO	ORD (Interva	P (MD)	ВОТТО	OM (MD)		32.	SIZE 2-7/8" ACID, SHOT,	DEPTH SET (M EOT @ 5792' FRACTURE, CEME	^(D) NT SQUEE	TA @ 5696' cze, etc.
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL	P (MD)	BOTTO) SI	OM (MD)	SPF/NUMBE	32. R DEPTH INT	SIZE 2-7/8" ACID, SHOT, ERVAL (MD)	DEPTH SET (M EOT @ 5792' FRACTURE, CEME AMOUNT AN	NT SQUEE	TA @ 5696' ZE, ETC. material used
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL (CP5	P (MD) 1, size and number	BOTTO SI	ZE 19"	spf/numbe 4/36	32. R DEPTH INT	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743'	DEPTH SET (M EOT @ 5792 FRACTURE, CEME AMOUNT AN Frac W/ 40,000	NT SQUEE ID KIND OF 20/40 sa	TA @ 5696' cze, etc.
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL (CP5	P (MD) 1, size and number 1 5732'-5743' 2 5467'-5481') <u>SI</u> .4	ZE 19"	SPF/NUMBE	32. R DEPTH INT: 5732'- 5467'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD)	DEPTH SET (M EOT @ 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,0004 Frac w/ 50,2514	NT SQUEE D KIND OF \$ 20/40 sa \$ 20/40 sa	TA @ 5696' CZE, ETC. MATERIAL USED and in 406 bbls fluid
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL (CP5 (CP1) 329'-4834'	P (MD) 1, size and number	SI .4	ZE 19"	SPF/NUMBE 4/36 4/56	32. R DEPTH INT: 5732'- 5467'- 4803'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481'	DEPTH SET (M EOT @ 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,0004 Frac w/ 50,2514 Frac w/ 14,3094	NT SQUEE DD KIND OF # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL (CP5 (CP1 329'-4834'	P (MD) 1, size and number 2 5732'-5743' 3 5467'-5481' 4803'-4809'	SI .4	ZE 49" 43"	SPF/NUMBE 4/36 4/56 4/44	32. R DEPTH INT: 5732'- 5467'- 4803'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617'	Frac w/ 14,309 Frac w/ 25,018	NT SQUEE ID KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 248 bbls fluid
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL (CP5 (CP1 329'-4834'	P (MD) 1, size and number 2, 5732'-5743' 3, 5467'-5481' 4803'-4809' 4610'-4617'	SI .4	ZE 49" 43" 43" 43"	SPF/NUMBE 4/36 4/56 4/44 4/28	R DEPTH INT. 5732'- 5467'- 4803'- 4610'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617'	Frac w/ 14,309 Frac w/ 25,018	NT SQUEE ID KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 248 bbls fluid and in 338 bbls fluid
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL (CP5 (CP1 329'-4834'	P (MD) 1, size and number 2, 5732'-5743' 3, 5467'-5481' 4803'-4809' 4610'-4617'	SI .4	ZE 49" 43" 43" 43"	SPF/NUMBE 4/36 4/56 4/44 4/28	R DEPTH INT. 5732'- 5467'- 4803'- 4610'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617'	Frac w/ 14,309 Frac w/ 25,018	NT SQUEE ID KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 248 bbls fluid and in 338 bbls fluid
SIZE 31. PERFORATION RECO	ORD (Interva ERVAL (CP5 (CP1 329'-4834'	P (MD) 1, size and number 2, 5732'-5743' 3, 5467'-5481' 4803'-4809' 4610'-4617'	SI .4	ZE 49" 43" 43" 43"	SPF/NUMBE 4/36 4/56 4/44 4/28	R DEPTH INT. 5732'- 5467'- 4803'- 4610'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617'	Frac w/ 14,309 Frac w/ 25,018	NT SQUEE ID KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 248 bbls fluid and in 338 bbls fluid
SIZE 31. PERFORATION RECOUNTY INT (B1& .5) 48	ORD (Interva ERVAL (CP5 (CP1 329'-4834'	P (MD) 1, size and number 2, 5732'-5743' 3, 5467'-5481' 4803'-4809' 4610'-4617'	SI .4	ZE 49" 43" 43" 43"	SPF/NUMBE 4/36 4/56 4/44 4/28 4/32	R DEPTH INT. 5732'- 5467'- 4803'- 4610'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617'	Frac w/ 14,309 Frac w/ 25,018	NT SQUEE ID KIND OF # 20/40 sa # 20/40 sa # 20/40 sa # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 248 bbls fluid and in 338 bbls fluid
SIZE 31. PERFORATION RECUINT: (B1& .5) 48	ORD (Interva ERVAL (CP5 (CP1 329'-4834' (D1 (GB4	P (MD) 1, size and number 2, 5732'-5743' 3, 5467'-5481' 4, 4803'-4809' 4, 4610'-4617' 4, 4040'-4048'	SI .4 .4 .4 .4 .4 .4	DM (MD) (ZE 49" 43" 43" 43"	SPF/NUMBE 4/36 4/56 4/44 4/28 4/32 PROD If h, pumpingsize ar	32. R DEPTH INT 5732'- 5467'- 4803'- 4610'- 4040'- UCTION Ind type of pump)	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048'	Frac w/ 14,309 Frac w/ 25,018	NT SQUEE (D KIND OF # 20/40 sa #	TA @ 5696' ZZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 338 bbls fluid and in 248 bbls fluid and in 294 bbls fluid ATUS (Producing or shut-in)
SIZE 31. PERFORATION RECOLUTION (B1& .5) 48 (B1& .5) 48 DATE FIRST PRODUCTION (B6/25/0	ORD (Interva ERVAL (CP5 (CP1) 329'-4834' (D1 (GB4	P (MD) 1, size and number 2, 5732'-5743' 3, 5467'-5481' 4, 4803'-4809' 4, 4610'-4617' 4, 4040'-4048'	SI .4 .4 .4 .4 .4 .4 .4	DM (MD) (ZE 49" 43" 43" 43"	SPF/NUMBE 4/36 4/56 4/44 4/28 4/32 PROD If h, pumpingsize ar	32. R DEPTH INT: 5732'- 5467'- 4803'- 4610'- 4040'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048'	Frac w/ 14,309 Frac w/ 25,018	NT SQUEE (D KIND OF # 20/40 sa #	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 248 bbls fluid and in 338 bbls fluid and in 294 bbls fluid
SIZE 31. PERFORATION RECVINT: (B1& .5) 48 33.* DATE FIRST PRODUCTION O6/25/00 DATE OF TEST	ORD (Interva ERVAL (CP5 (CP1) 329'-4834' (D1 (GB4	P (MD) 3, size and number 5732'-5743' 5467'-5481' 4803'-4809' 4610'-4617' 4040'-4048'	SI .4 .4 .4 .4 .4 .4 .4	DM (MD) IZE 19" 13" 13" 13" O (Flowing, gas 2-1/2" x	PROD's FOR TEST PERIOD	32. R DEPTH INT: 5732'- 5467'- 4803'- 4610'- 4040'- UCTION and type of pump) RHAC SM Plu OIL-BBLS.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048'	DEPTH SET (MEOT @) 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,000; Frac w/ 50,251; Frac w/ 14,309; Frac w/ 25,018; Frac w/ 28,952;	NT SQUEE (D KIND OF # 20/40 sa #	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 248 bbls fluid and in 338 bbls fluid and in 294 bbls fluid and in 294 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO
SIZE 31. PERFORATION RECOLUMN (B1& .5) 48 33.* DATE FIRST PRODUCTION 06/25/0 DATE OF TEST 10 day avo	ORD (Interva ERVAL (CP5 (CP1) 329'-4834' (D1 (GB4	P (MD) 1, size and number 1, 5732'-5743' 1, 5467'-5481' 1, 4803'-4809' 1, 4610'-4617' 1, 4040'-4048' PRODUCTION OURS TESTED	SI .4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	DM (MD) IZE 19" 13" 13" 13" O (Flowing, gas 2-1/2" x	PROD lift, pumpingsize at 1-1/2" x 14'	32. R DEPTH INT: 5732'- 5467'- 4803'- 4610'- 4040'- UCTION and type of pump) RHAC SM Plu OIL-BBLS. 71	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048'	DEPTH SET (MEOT @) 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,000; Frac w/ 50,251; Frac w/ 14,309; Frac w/ 25,018; Frac w/ 28,952; WATER-BBL.	NT SQUEE (D KIND OF # 20/40 sa #	TA @ 5696' ZZE, ETC. MATERIAL USED and in 406 bbls fluid and in 432 bbls fluid and in 248 bbls fluid and in 248 bbls fluid and in 294 bbls fluid ATUS (Producing or shut-in) RODUCING
SIZE 31. PERFORATION RECVINT: (B1& .5) 48 33.* DATE FIRST PRODUCTION O6/25/00 DATE OF TEST	ORD (Interva ERVAL (CP5 (CP1) 329'-4834' (D1 (GB4	P (MD) 3, size and number 5732'-5743' 5467'-5481' 4803'-4809' 4610'-4617' 4040'-4048'	SI .4.4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .	DM (MD) 1ZE 19" 13" 13" 13" 13" 12" 2 (Flowing, gas 2-1/2" X E SIZE ULATED UR RATE	PROD' 111, pumpingsize at 1-1/2" x 14' PROD'N. FOR TEST PERIOD>	32. R DEPTH INT: 5732'- 5467'- 4803'- 4610'- 4040'- UCTION and type of pump) RHAC SM Plu OIL-BBLS. 71	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048'	DEPTH SET (MEOT @) 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,000; Frac w/ 50,251; Frac w/ 14,309; Frac w/ 25,018; Frac w/ 28,952; WATER-BBL.	NT SQUEE (D KIND OF # 20/40 sa #	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 248 bbls fluid and in 338 bbls fluid and in 294 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 507
SIZE 31. PERFORATION RECOLUMN (B1& .5) 48 33.* DATE FIRST PRODUCTION 06/25/0 DATE OF TEST 10 day avo	ORD (Intervalence of CP1) (CP5) (CP1) (329'-4834' (D1) (GB4) (GB4)	P (MD) 1, size and number 1, 5732'-5743' 1, 5467'-5481' 1, 4803'-4809' 1, 4610'-4617' 1, 4040'-4048' PRODUCTION OURS TESTED ASING PRESSUR	SI .4 .4 .4 .4 .4 .CHOK	DM (MD) 1ZE 19" 13" 13" 13" 2-1/2" x E SIZE ULATED UR RATE	PROD iift, pumpingsize at 1-1/2" x 14' PRODTN. FERIOD OIL-BBL.	32. R DEPTH INT: 5732'- 5467'- 4803'- 4610'- 4040'- UCTION and type of pump) RHAC SM Plu OIL-BBLS. 71 GAS-MCE. RE	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048'	DEPTH SET (MEOT @) 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,000; Frac w/ 50,251; Frac w/ 14,309; Frac w/ 25,018; Frac w/ 28,952; WATER-BBL. 13	NT SQUEE (D KIND OF) # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 248 bbls fluid and in 338 bbls fluid and in 294 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 507
31. PERFORATION RECOUNTY (B1& .5) 48 33.* DATE FIRST PRODUCTION O6/25/00 DATE OF TEST 10 day average of the second of the s	ORD (Intervalence of CP1 (CP1 (CP1 (CP1 (CP1 (CP1 (CP1 (CP1	P (MD) 1, size and number 1, 5732'-5743' 1, 5467'-5481' 1, 4803'-4809' 1, 4610'-4617' 1, 4040'-4048' PRODUCTION OURS TESTED ASING PRESSUR	SI .4 .4 .4 .4 .4 .CHOK	DM (MD) 1ZE 19" 13" 13" 13" 13" 12" 2 (Flowing, gas 2-1/2" X E SIZE ULATED UR RATE	PROD iift, pumpingsize at 1-1/2" x 14' PRODTN. FERIOD OIL-BBL.	UCTION ad type of pump) RHAC SM Plu GAS-MCE. GAS-MCE. JU	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048' Inger Pump GASMCF. 36 CEIVE	DEPTH SET (MEOT @) 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,000; Frac w/ 50,251; Frac w/ 14,309; Frac w/ 25,018; Frac w/ 28,952; WATER-BBL. 13 WATER-BBL. 15 TEST WITNE	NT SQUEE (D KIND OF) # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 248 bbls fluid and in 338 bbls fluid and in 294 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 507
33.* (B1& .5) 48 33.* DATE FIRST PRODUCTION O6/25/ODATE OF TEST 10 day average of the second of	ORD (Intervalence of the content of	P (MD) 1, size and number 1, 5732'-5743' 1, 5467'-5481' 1, 4803'-4809' 1, 4610'-4617' 1, 4040'-4048' PRODUCTION OURS TESTED ASING PRESSUR or fuel, vented, etc.)	SI .4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	DM (MD) (ZE 19" 13" 13" 13" O (Flowing, gas 2-1/2" x E SIZE ULATED UR RATE	PROD iii, pumpingsize at 1-1/2" x 14' PROD'N. FOR TEST PERIOD> OIL-BBL.	32.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048' Inger Pump GAS-MCF. 36 CEIVEI L 1 8 2007 OIL, GAS & Millole records	DEPTH SET (MEOT @) 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,000; Frac w/ 50,251; Frac w/ 14,309; Frac w/ 25,018; Frac w/ 28,952; WATER-BBL. TEST WITNES	NT SQUEE (D KIND OF) # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 248 bbls fluid and in 338 bbls fluid and in 294 bbls fluid and in 294 bbls fluid GATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 507 TY-API (CORR.)
31. PERFORATION RECOUNTY (B1& .5) 48 33.* DATE FIRST PRODUCTION O6/25/ODATE OF TEST 10 day average of the second of the seco	ORD (Intervalence of CP1) (CP5) (CP1) (329'-4834' (D1) (GB4) (GB4) (CP1) (GB4)	P (MD) 1, size and number 1, 5732'-5743' 1, 5467'-5481' 1, 4803'-4809' 1, 4610'-4617' 1, 4040'-4048' PRODUCTION OURS TESTED ASING PRESSUR or fuel, vented, etc.)	SI .4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	DM (MD) (ZE 19" 13" 13" 13" O (Flowing, gas 2-1/2" x E SIZE ULATED UR RATE	PROD iii, pumpingsize at 1-1/2" x 14' PROD'N. FOR TEST PERIOD> OIL-BBL.	32.	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) -5743' -5481' -4834' -4617' -4048' Inger Pump GASMCF. 36 CEIVEL L 1 8 2007 DIL, GAS & MIII	DEPTH SET (MEOT @) 5792' FRACTURE, CEME AMOUNT AN Frac w/ 40,000; Frac w/ 50,251; Frac w/ 14,309; Frac w/ 25,018; Frac w/ 28,952; WATER-BBL. TEST WITNES	NT SQUEE (D KIND OF) # 20/40 sa	TA @ 5696' EZE, ETC. MATERIAL USED and in 406 bbls fluid and in 248 bbls fluid and in 338 bbls fluid and in 294 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 507 TY-API (CORR.)

wingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all
drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and
recoveries);

38. GEOLOGIC MARKERS

recoveries); FORMATION			DESCRIPTION, CONTENTS, ETC.		ТОР		
				NAME		TRUE	
					MEAS. DEPTH	VERT. DEPTH	
			Well Name	Garden Gulch Mkr	3665'		
			Jonah 13-15-9-16	Garden Gulch 1	3778'		
				Garden Gulch 2	3891'	1	
				Point 3 Mkr	4139'		
				X Mkr	4406'		
				Y-Mkr	4443'		
				Douglas Creek Mkr	4558'		
				BiCarbonate Mkr	4792'		
				B Limestone Mkr	4897'		
				Castle Peak	5403'		
				Basal Carbonate	5864'		
				Total Depth (LOGGERS	5942'		
		ļ					
						1	

Sundry Number: 32120 API Well Number: 43013331360000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79834
SUNDR	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: FEDERAL 13-15-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013331360000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER: xt	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0717 FSL 0469 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 15 Township: 09.0S Range: 16.0E Meridian:	: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
✓ SUBSEQUENT REPORT			
Date of Work Completion:	L DEEPEN L	FRACTURE TREAT	☐ NEW CONSTRUCTION
,,	OPERATOR CHANGE	PLUG AND ABANDON	L PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER: Put on Injection
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all pe	ertinent details including dates of	lenths volumes etc
	erence well was put on injection		Accepted by the
1110 000 010 110	11/15/2012.		Utah Division of Oil, Gas and Mining
			Date: November 19, 2012
			By: Basylll
			<i>y</i> 2
NAME (DI SACE POUT)	BUANETHIN	TITLE	
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 11/16/2012	

Form 3160-3 (September 2001)				PPROVED 1004-0136 1ary 31, 2004	4
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG			5. Lease Serial No. UTU-7983	34	
APPLICATION FOR PERMIT TO DR			6. If Indian, Allottee	or Tribe N	ame
APPLICATION FOR PERIMIT TO BR	THE ON NEEDWICK		N/A		
1a. Type of Work: DRILL REENTER			7. If Unit or CA Agree N/A	ement, Nan	ne and No.
lb. Type of Well: 🖾 Oil Well 🗖 Gas Well 📮 Other	Single Zone - Multip	ole Zone	8. Lease Name and W Federal 13-1		
Name of Operator Newfield Production Company			9. API Well No.	013-3	3136
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or E	Exploratory	· /
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Monument Bu		<u>~</u>
4. Location of Well (Report location clearly and in accordance with a At surface SW/SW 717' FSL 469' FWL 575731)			11. Sec., T., R., M., or		·
At proposed prod. zone 443076	24 710.112498		SW/SW Sec. 1	5, T9S R1	100
14. Distance in miles and direction from nearest town or post office*			12. County or Parish		13. State
Approximatley 21.7 miles southwest of Myton, Utah			Duchesne		UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) Approx. 469' f/lse, NA' f/unit	16. No. of Acres in lease	17. Spacing	g Unit dedicated to this v 40 Acres	vell	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1014'	19. Proposed Depth 5975'		BIA Bond No. on file UTB000192		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration	n	
5846' GL	2nd Quarter 2006		Approximately seven (7) days	from spud to rig	release.
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	re Oil and Gas Order No.1, shall be at	tached to this	s form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Item 20 above). 5. Operator certific	eation. specific info	ns unless covered by an ormation and/or plans a		
25. Signature Jamelia Crozin	Name (Printed/Typed) Mandie Crozier			Date 3/17.	/06
Title Regulatory Specialist				<u> </u>	
Approved by Signay a	Name (PrimediTyped)			Date	17-06
Title	IRONMENTAL MANAGER				
Application approval does not warrant or certify the the applicant holds I	egal or equitable title to those rights in	i the subject	lease which would entitle	e the applic	cant to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

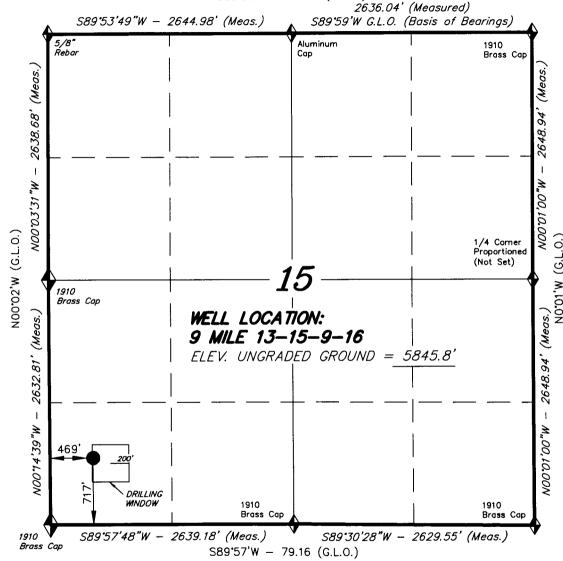
Conditions of approval, if any, are attached.

operations thereon.

Pederal Approval of this Action is Necessary RECEIVED APR 8 4 2006

T9S, R16E, S.L.B.&M.

S89*59'W - 79.88 (G.L.O.)



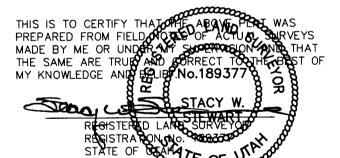
= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 13-15-9-16 (Surface Location) NAD 83 LATITUDE = 40°01'32.15" LONGITUDE = 110°06'47.37"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-15-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 15, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

	,
DATE SURVEYED: 1-24-06	SURVEYED BY: C.M.
DATE DRAWN: 1-26-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



March 31, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 5-15-9-16, 12-15-9-16, and 13-15-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 12-15-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely, Jandi Caryin

Mandie Crozier

Regulatory Specialist

mc

enclosures

RECEIVED
APR 8 4 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY FEDERAL #13-15-9-16 SW/SW SECTION 15, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 2380' Green River 2380' Wasatch 5975'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2380' - 5975' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #13-15-9-16 SW/SW SECTION 15, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #13-15-9-16 located in the SW 1/4 SW 1/4 Section 15, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly – 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly – 7.8 miles \pm to it's junction with an existing road to the east; proceed easterly and then southwesterly – 1.4 miles \pm to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road – 1,640' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey for this area is attached. MOAC Report #05-500, 12/1/05. The Paleontological Resource Survey will be forthcoming. See attached report cover page. Exhibit "D".

For the Federal #13-15-9-16 Newfield Production Company requests a 450' ROW be granted in Lease UTU-017985 and 1190' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any runoff from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 450' ROW be granted in Lease UTU-017985 and 1190' of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 450° ROW be granted in Lease UTU-017985 and 1190° of disturbed area be granted in Lease UTU-79834 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50° wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte. Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7. T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Sage Grouse: If new construction or surface disturbing activities are scheduled to occur between March 1 and June 30, detailed surveys of the area within 0.5 mile of the proposed location must be conducted to detect the presence of sage grouse. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested WheatgrassAgropyron Cristatum4 lbs/acreNeedle and ThreadgrassStipa Comata4 lbs/acreIndian RicegrassOrvzopsis Hymenoides4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #13-15-9-16 was on-sited on 11/30/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

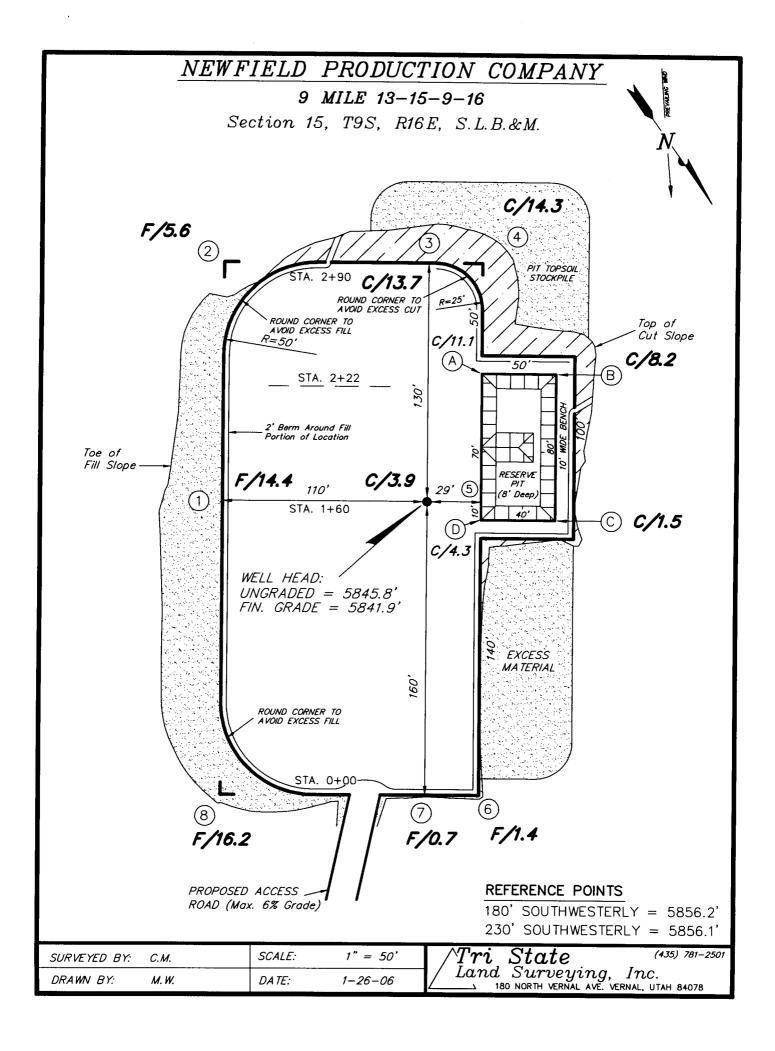
(435) 646-3721

<u>Certification</u>

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-15-9-16 SW/SW Section 15. Township 9S. Range 16E: Lease UTU-79834 Duchesne County. Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are

true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.				
3/17/06 Date	Mandie Crozier Regulatory Specialist Newfield Production Company			



NEWFIELD PRODUCTION COMPANY CROSS SECTIONS 9 MILE 13-15-9-16 20, П 1" = 50'STA. 2+90 20, 11 STA. 2+22 1" = 50'EXISTING FINISHED GRADE GRADE WELL HOLE 20, 1" = 50'STA. 1+60 20, 11 1" = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been

NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

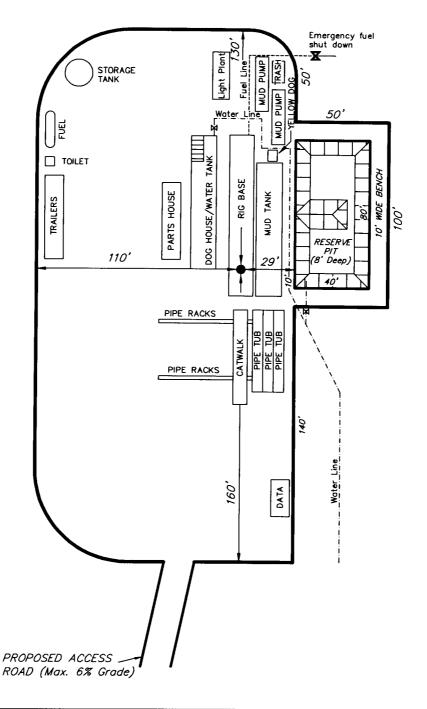
(Expressed in Cubic Yards)						
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PA	\D	5,780	5,780	5,780 Topsoil is not included		
	_			not included		

IIEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,780	5,780	Topsoil is	0
PIT	640	0	in Pad Cut	640
TOTALS	6,420	5,780	1,060	640

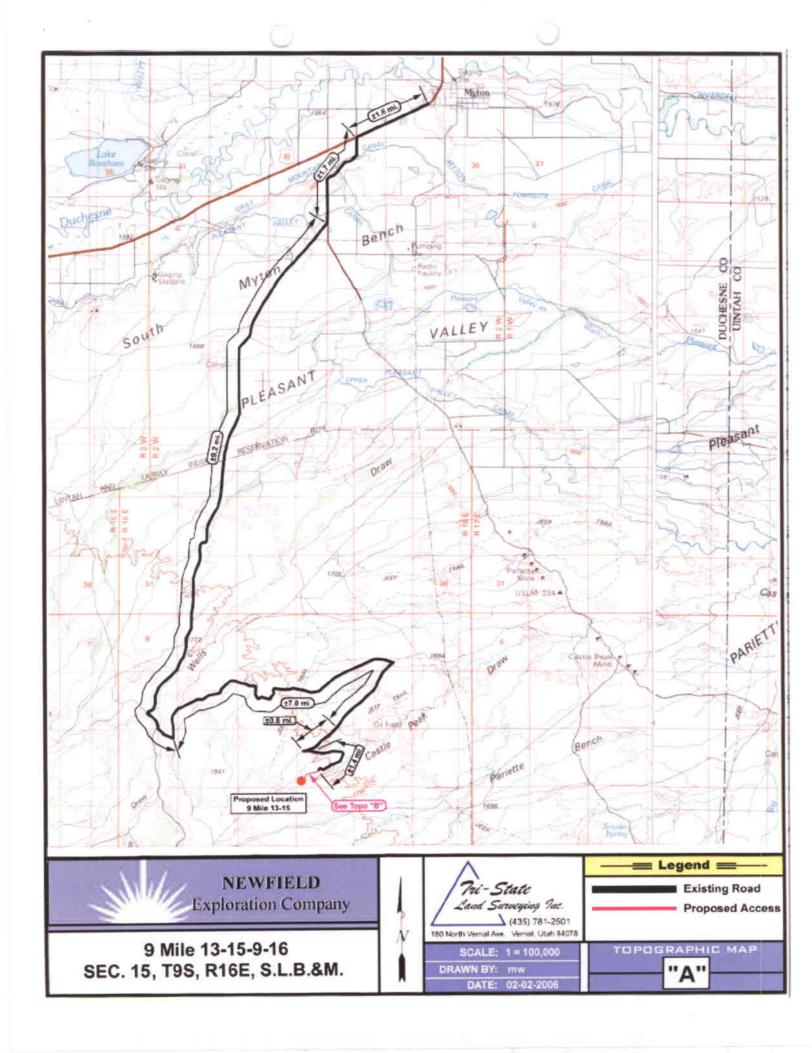
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DRAWN BY:	M. W.	DATE:	1-26-06

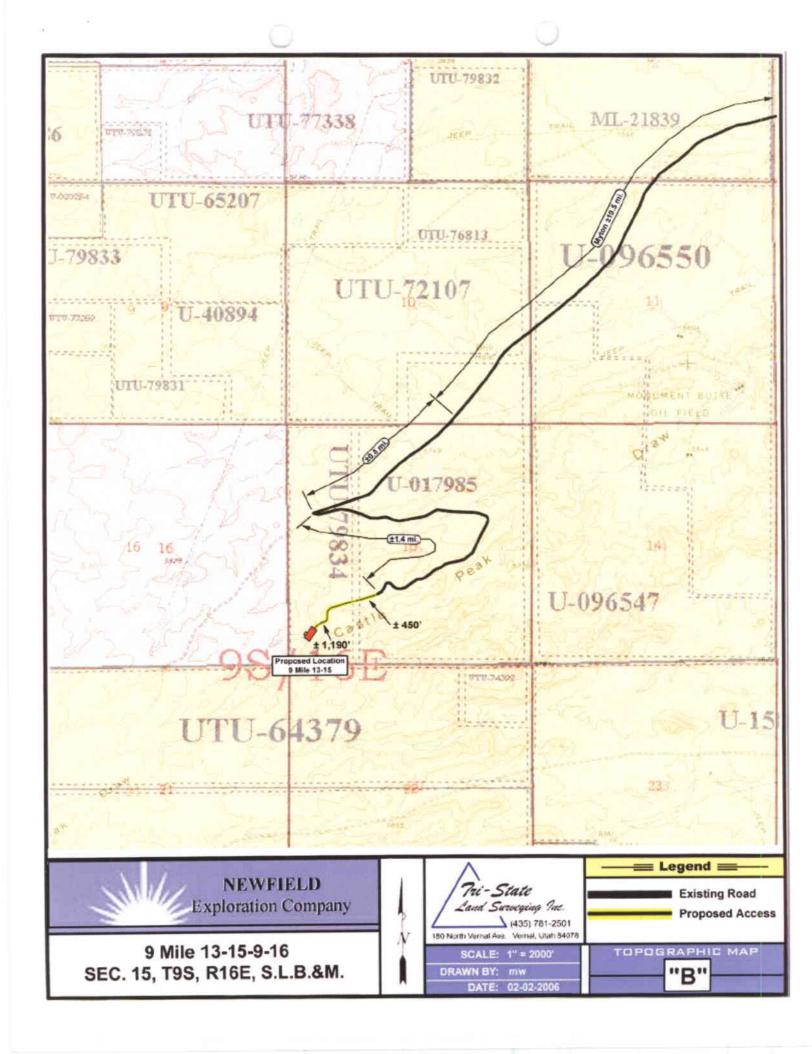
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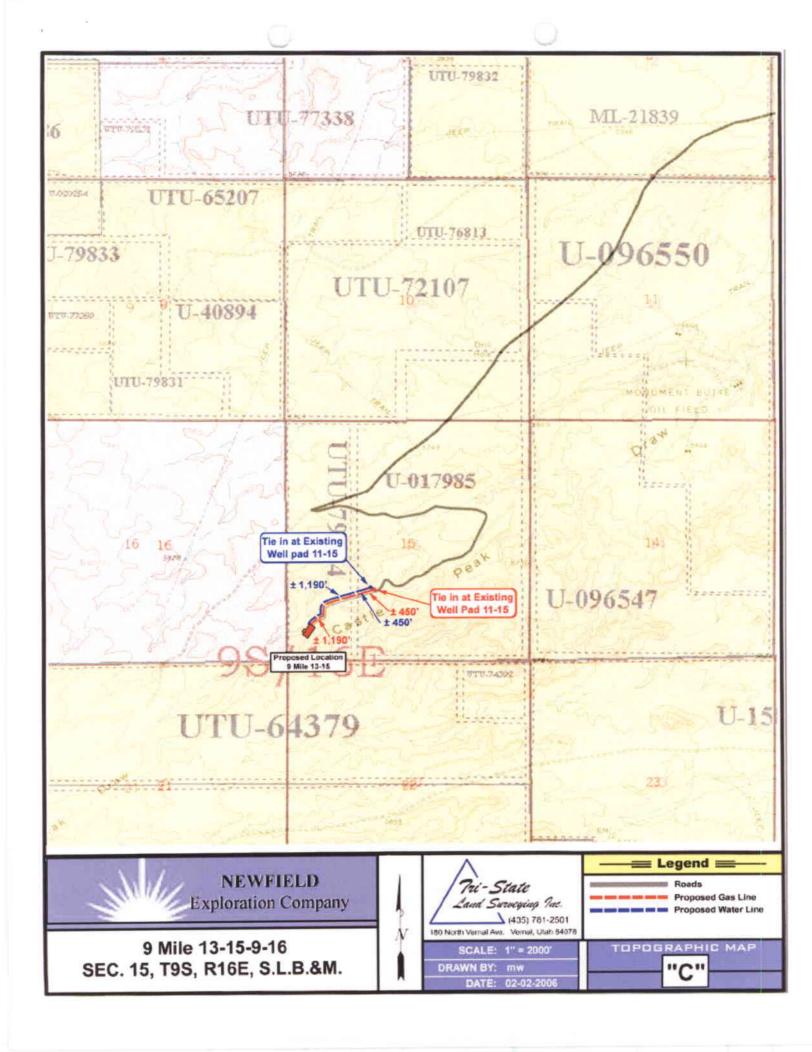
NEWFIELD PRODUCTION COMPANY TYPICAL RIG LAYOUT 9 MILE 13-15-9-16



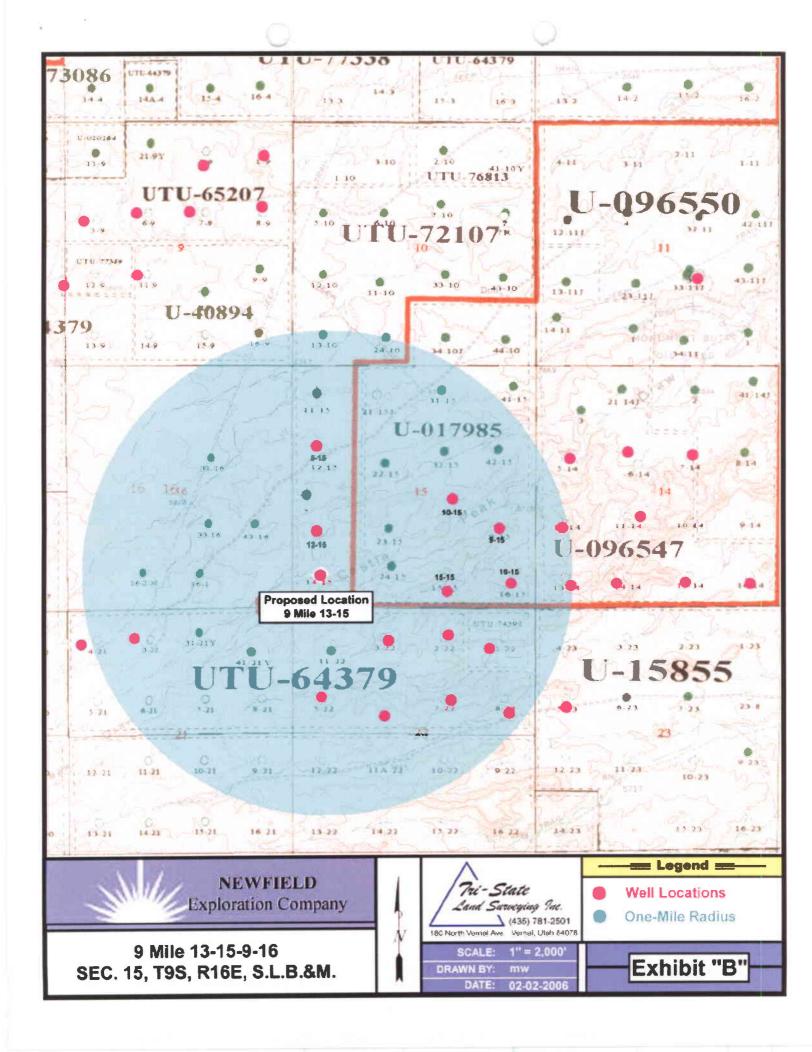
SURVEYED BY: C.M.	SCALE:	1" = 50'	/Tri State (435) 781-2501
DRAWN BY: M.W.	DATE:	1-26-06	/ Land Surveying, Inc 180 NORTH VERNAL AVE. VERNAL, UTAH 84078







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2-M SYSTEM

Blowout Prevention Equipment Systems

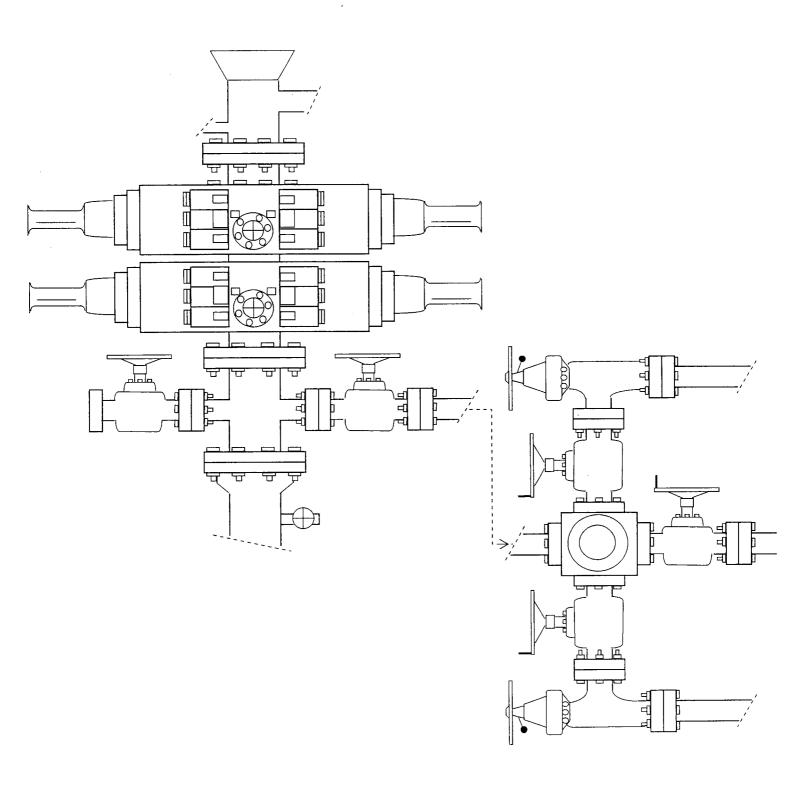


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S TWO 40 ACRE PARCELS IN TOWNSHIP 9S, RANGE 16E, SECTION 15, DUCHESNE COUNTY, UTAH

Ву:

Jenn Mueller and Keith Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Submitted By:

Keith R. Montgomery
Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-500

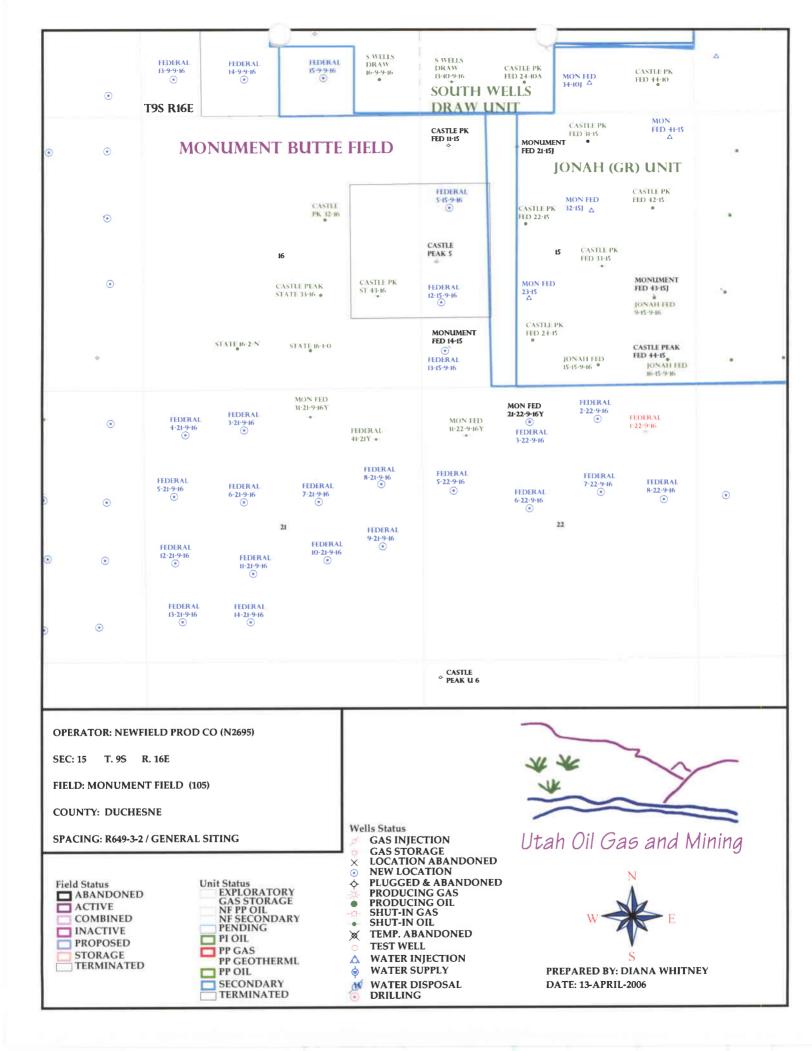
December 1, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-1407b

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/04/2006	API NO. ASSIGNED: 43-013-33136
WELL NAME: FEDERAL 13-15-9-16 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
SWSW 15 090S 160E SURFACE: 0717 FSL 0469 FWL	Tech Review Initials Date
BOTTOM: 0717 FSL 0469 FWL	Engineering
COUNTY: DUCHESNE	Geology
LATITUDE: 40.02556 LONGITUDE: -110.1125 UTM SURF EASTINGS: 575731 NORTHINGS: 443076	Surface
FIELD NAME: MONUMENT BUTTE (105) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-79834 SURFACE OWNER: 1 - Federal	
RECEIVED AND/OR REVIEWED: / Plat / Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 / Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) N P Fee Surf Agreement (Y/N) NA Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
STIPULATIONS: 1. Jean Myran 2. Space of Ship	





State of Utah

Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > April 17, 2006

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Federal 13-15-9-16 Well, 717' FSL, 469' FWL, SW SW, Sec. 15, T. 9 South, Re: R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33136.

Sincerely,

Gil Hunt

Associate Director

AilALT

pab **Enclosures**

Duchesne County Assessor cc:

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company					
Well Name & Number	Federal	Federal 13-15-9-16				
API Number:	43-013-33136					
Lease:	UTU-7					
Location: <u>SW SW</u>	Sec. 15	T. 9 South	R. _16 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

FORM 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

SUNDRY NOTICES AN	5. Lease Designation and Serial No.			
# # · · · · · · · · · · · · · · · · · ·		UTU-79834		
Do not use this form for proposals to drill or to dee	epen or reentry a different reservoir. FOR PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name NA		
OSE ALL LIGATION	CIVI LINWIT - 101 Such proposals	- NA		
		7. If Unit or CA, Agreement Designation		
	I TRIPLICATE	NA NA		
1. Type of Well Gas		8. Well Name and No.		
X Well Well Other	•	FEDERAL 13-15-9-16		
		9. API Well No.		
2. Name of Operator NEWFIELD PRODUCTION COMPANY		43-013-33136		
3. Address and Telephone No.		10. Field and Pool, or Exploratory Area MONUMENT BUTTE		
Rt. 3 Box 3630, Myton Utah, 84052 435-6	546-3721	11. County or Parish, State		
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)	4. 700 7467			
717 FSL 469 FWL SW/SW Section	on 15, T9S R16E	DUCHESNE COUNTY, UT.		
12. CHECK APPROPRIATE BOX(s	TO INDICATE NATURE OF NOTICE, REPO	DRT, OR OTHER DATA		
TYPE OF SUBMISSION		FACTION		
X Notice of Intent		Characa of Plana		
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction		
Subsequent Report	Plugging Back	Non-Routine Fracturing		
	Casing Repair	Water Shut-Off		
Final Abandonment Notice	Altering Casing	Conversion to Injection		
	X Other Permit Extension	Dispose Water		
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		
	by the BLM. Approved by the Utah Division of il, Gas and Mining	RECEIVED APR 0 9 2007		
14. I hereby certify that the foregoing is true and correct Signed Mandie Crozier CC: UTAH DOGM	Title Regulatory Specialist	DIV. OF OIL, GAS & MINING Date 4/4/2007		
(This space for Federal or State office use)		10.00		
Approved by	Title	Date		
Conditions of approval, if any:				
CC: Utah DOGM				

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33136 Well Name: Federal 13-15-9-16 Location: SW/SW Section 15,T9S R16E Company Permit Issued to: Newfield Production Companate Original Permit Issued: 4/17/2006	ny
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.	
Following is a checklist of some items related to the approperified.	olication, which should be
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□	
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑	
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□NoI□	
Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes□No ☑	
Has the approved source of water for drilling changed? Yes□No☑	
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No⊡	
s bonding still in place, which covers this proposed well? Yes ☑ No □	
Wkandi Croyin Signature	4/4/2007 Date
Title: Regulatory Specialist	RECEIVED
Zanvacanting.	APR 0 9 2007
Representing: Newfield Production Company	DIV. OF OIL, GAS & MINING

RECEIVED

APR 0 3 2006

BLM VERNAL, UTAH

FORM APPROVED Form 3160-3 OMB No. 1004-0136 Expires January 31, 2004 (September 2001) **UNITED STATES** 5. Lease Serial No. DEPARTMENT OF THE INTERIOR UTU-79834 **BUREAU OF LAND MANAGEMENT** If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. REENTER Ia. Type of Work: DRILL N/A 8. Lease Name and Well No. 1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone Federal 13-15-9-16 9. API Well No. Name of Operator Newfield Production Company <u>43-013-33136</u> 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory (435) 646-3721 Monument Butte Route #3 Box 3630, Myton UT 84052 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.*) 717' FSL 469' FWL At surface SW/SW Sec. 15, T9S R16E SW/SW At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office* Duchesne UT Approximatley 21.7 miles southwest of Myton, Utah 15. Distance from proposed* 16. No. of Acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. 40 Acres (Also to nearest drig. unit line, if any) Approx. 469' f/lse, NA' f/unit 160.00 20. BLM/BIA Bond No. on file 19. Proposed Depth 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1014 UTB000192 5975 22. Approximate date work will start* 23. Estimated duration Elevations (Show whether DF, KDB, RT, GL, etc.) 2nd Quarter 2006 5846' GL 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan. Operator certification. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. Date Name (Printed/Typed) 25. Signatur Mandie Crozier 3/17/06 Title Regulatory Specialist Approved by (Signat Name (Printed Typed) Date etant Field Managel ands & Mineral Resources

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agenc States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Conditions of approval, if any, are attached.

RECEIVED APR 21 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING



No NOS

D7BM4661A



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWSW, Sec 15, T9S, R16E

Well No: Federal 13-15-9-16 Lease No: UTU-79834

API No: 43-013-33136 Agreement: N/A

170 South 500 East

After Hours Contact Number: 435-781-4513

Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Office: 435-781-4432 Cell: 435-828-7875 Petroleum Engineer: Michael Lee Petroleum Engineer: Jim Ashley Office: 435-781-4470 Cell: 435-828-7874 Ryan Angus Petroleum Engineer: Office: 435-781-4430 Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 Office: 435-781-4484 **Environmental Scientist:** Karl Wright Natural Resource Specialist: Holly Villa Office: 435-781-4404 Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Natural Resource Specialist: Chuck Macdonald Office: 435-781-4441 Natural Resource Specialist: Darren Williams Office: 435-781-4447 Natural Resource Specialist: Verlyn Pindell Office: 435-781-3402

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Chuck Macdonald)

Forty-Eight (48) hours prior to construction of location and access roads.

Fax: 435-781-4410

Location Completion (Notify Chuck Macdonald)

Prior to moving on the drilling rig.

Spud Notice

Twenty-Four (24) hours prior to spudding the well.

(Notify Petroleum Engineer)

Casing String & Cementing (Notify Jamie Sparger)

Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests (Notify Jamie Sparger)

Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Petroleum Engineer)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

days.

COAs: Page 2 of 8 Well: Federal 13-15-9-16

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

LEASE STIPULATIONS AND NOTICES

- There are 3 Golden Eagle nests located within 0.5 miles of the proposed location. No construction or drilling shall occur from February 1 through July 15 to protect the eagles during nesting season.
- No surface occupancy or use is allowed (does not apply to casual use) within ½ mile of Golden Eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts can be mitigated through other management actions or site specific analysis of terrain features (see comment number 1 below).
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lease Notices (field review and RMP):
 - 1. Lessee/operator is given notice that lands in this lease have been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
 - 2. Lessee/operator is given notice that lands in this lease have been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

• Comments:

- 1. The Golden Eagle "No Surface Occupancy" Stipulation does not apply to this location. The Golden Eagle nest located within 0.5 miles of the location has not been active for the last 2 years.
- 2. The Division of Wildlife Resources has designated lands in this area as containing potential antelope habitat and Mountain Plover habitat.
- 3. If it is anticipated that construction or drilling will occur within the timing restrictions for the Golden Eagle, a BLM or qualified biologist must be contacted at least 2 weeks prior to the anticipated construction start date so surveys can be initiated.

CONDITIONS OF APPROVAL

- ROW (Right of Way):
 - 1. Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction.

COAs: Page 3 of 8 Well: Federal 13-15-9-16

2. Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction of a surface 6" gas gathering line, and a surface 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure.

- 3. Construction of water pipelines. Water pipelines will be buried 4 to 5 feet deep to avoid freezing. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. Buried water pipelines will be 3" steel water injection line and 3" poly water return line.
- The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.

COAs: Page 4 of 8 Well: Federal 13-15-9-16

• If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

• The interim seed mix for this location shall be:

Crested wheatgrass (*Agropyron cristatum*): 4 lbs/acre Needle and Threadgrass (*Hesperostipa comata*): 4 lbs/acre Indian Ricegrass (*Achnatherum hymenoides*): 4 lbs/acre

- All pounds are in pure live seed.
- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil
 shall be respread, and the entire location shall be seeded with a seed mix recommended by the
 AO (preferably of native origin). Seed application will follow all guidelines in the interim seed
 mix bullet statement above. If reclamation seeding shall take place using the broadcast method,
 the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is
 completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions
 to minimize watershed damage. This limitation does not apply to operation and maintenance of
 producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

COAs: Page 5 of 8 Well: Federal 13-15-9-16

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
- 2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

COAs: Page 6 of 8 Well: Federal 13-15-9-16

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

- 6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- 8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

COAs: Page 7 of 8 Well: Federal 13-15-9-16

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

COAs: Page 8 of 8 Well: Federal 13-15-9-16

f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield P	roduction Comp	any	
Well Name: <u>Federal 13-15-9-16</u>			
API No: 43-013-33136	Leas	e Type: <u>Federal</u>	
Section 15 Township 09S	Range_16E0	County Duchesne	<u>_</u>
Drilling Contractor Ross Rig		Rig # 24	
SPUDDED:			
Date <u>5-21-07</u>			
Time <u>5:30 PM</u>			
How_Dry_			
Drilling will Commence:			
Reported by Justin Crum			
Telephone # 435-823-6733			
Date 5-22-07	Signed	RM	

OPERATOR: NEWFIELD PRODUCTION COMPANY

ADDRESS: RT. 3 BOX 3630

MYTON, UT 84052

N2695 OPERATOR ACCT. NO.

April 18, 2007

Date

Production Clar

ACTION	CURRENT	NEW	API NUMBER	WELL MAKE			WELLL	OCATION		SPUC	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			00	SC	TP	RG	COUNTY	DATE	DATE
A	99999	16/37	4301333066	FEDERAL 1-20-9-16	NENW	20	98	16E	DUCHESNE	5/17/2007	5/30/07
WELL 100	LAMENTS: G	erv									
ACTION	CURRENT	NEW	API MUNIBER	WELL KAME			LLLOCAT		1 22.00	SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.		sundance	00	- 8 C	TEP	NG	COUNTY	DATE	DATE
В	99999	14844	4304738193	FEDERAL 14-1-9-17	NENW	_12	استنسا	17E	DUCHESNE	5/18/2007	5/30/07
GRRU BHL = SESW SEC 1											
ACTION	CURRENT	MEN	APINUMBER	WELL IONE				OCATION		6PUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			99_	sc	TP	RG	COUNTY	OATE	
A	99999	16138	4301332921	FEDERAL 10-18-9-16	NWSE	18	98	16E	DUCHESNE	5/18/2007	5/30/01
	GRA	W									
ACHON	CURRENT	NEW	API NUMBER	WELL NAME				DICATION	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999 99999	16/39	4301333136	FEDERAL 13-15-9-16	SWSW	15	9S	16E		5/22/2007	5/30/01
	GRI										
ACTION	CURRENT	NEW	API NUMBER	WELL MAVE				LOCATION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.	<u></u>	<u> </u>	00	8 €	TP	RG	COUNTY	DATE	DATE
В	99999	12418	4301332919) FEDERAL 7-18-9-16	SWNE	18	98	16E	DUCHESNE	5/22/2007	5/30/07
WELL 5 C	OWNERTS: GA	ev		west Point							
ACTION	CURRENT	HEW	AP! NUMBER	WELL NAME		Т		LOCATION		SPUD NATE	EFFECTIVE DATE
CODE	ENWITY NO.	ENTITY NO.	 			+ sc	TP	RG	COUNTY	DATE	
A	99999	16140	4301333164	FEDERAL 15-21-9-16	SWSE	21	95	16E	DUCHESNE	5/16/2007	1 <i>3/30/07</i>
WELL S C	COMMENTS: GR	eV									
	ODES (See hairusians on	-							110.1	- 1	_
	new entity for new well (sing			RECEI	VED				With	UI /K	// Jentri Par
₽	meli eo exterimi engly (deom	(C BE WE)		カモしこ	V LU					- Francisco	*******

C - Yorn one existing entity to another existing entity D - wet from one existing entity to a new entity

E- that (explain in contrasts section)

MAY 2 3 2007

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

FORM A	PPROVED
OMB No.	1004-0135
Expires Ian	uary 31 200

5. Lease Serial No.

LISA	UTU	-01798:

	vell. Use Form 3160-3 (APD) fo			6. If Indian, Allot	ttee or Tribe Name.
1. Type of Well	territiones transcon Linearity	ehak nasa sisa ya Langa atau a		7. If Unit or CA/	Agreement, Name and/or
Oil Well Gas Well	Other			8. Well Name and	d No.
2. Name of Operator				FEDERAL 1	3-15-9-16
NEWFIELD PRODUCTION C	1		• .	9. API Well No.	
3a. Address Route 3 Box 3630 Myton, UT 84052		Phone (include ar 135.646.3721	e code)	4301333136	ol, or Exploratory Area
	Sec., T., R., M., or Survey Description)	133,040.3721		MONUMENT	• •
. •				11. County or Par	
SWSW Section 15 T9S R16E				DUCHESNE, I	UT
12 CHEC	K APPROPRIATE BOX(ES) T	O INIDICATE N	ATURE OF		
	T THE BOX (BB) T				
TYPE OF SUBMISSION		111	E OF ACTIO	IN	
☐ Notice of Intent	Acidize	Deepen		ion(Start/Resume)	Water Shut-Off
_	Alter Casing	Fracture Treat	Reclam		Well Integrity
✓ Subsequent Report	Casing Repair Change Plans	New Construction Plug & Abandon	Recomp	arily Abandon	Other Spud Notice
Final Abandonment	Convert to	Plug Back	= :	Disposal	Space 1. College
	22/07 cement with 160 sks of cla bbls cement to pit. BLM was pre			n. woc. RECE MAY 3	ixed @ 15.8 ppg > 1.17 EIVED 0 2007 GAS & MINING
I hereby certify that the foregoing i	s true and	Title			
correct (Printed/ Typed)			.07		
Justin Crum Signature	-// $-$	Drilling Forem Date	aul		
Justin	Canal	05/26/2007			
	, Contest?Velego)Ria		VI CINIII		
Approved by		Title		Dat	te
Conditions of approval, if any, are attack	ned. Approval of this notice does not warrant quitable title to those rights in the subject lead duct operations thereon.	or			
	3 U.S.C. Section 1212, make it a crime for an	y person knowingly and	willfully to make	to any department or ag	ency of the United

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

			8 5/8	CASING SET	AT	323.71				
LAST CASI	NG 8 5/8"	set @	323.71		OPERATOR	₹	Newfield i	Production C	ompany	
	12' KB				WELL Federal 13-15-9-16					
DATUM TO	CUT OFF C	ASING	•		FIELD/PRO	SPECT _	Monumen	t Butte		
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	OR & RIG#		Ross # 24		
TD DRILLER	320'	LOGG	ER							
HOLE SIZE	12 1/4	<u> </u>								
LOG OF CA	SING STRIN	IG:		 	·			r		
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH	
	<u> </u>									
		Shoe	Joint 43.98'	····						
	ļ	WHI - 92 cs	g head				8rd	Α	0.95	
7	8 5/8"	Maverick ST			24#	J-55	8rd	A	312.81	
			GUIDE	shoe			8rd	A	0.9	
CASING IN\	/ENTORY B	AL.	FEET	JTS	TOTAL LENGTH OF STRING 313.7 LESS CUT OFF PIECE					
TOTAL LEN	GTH OF ST	RING	313.71	7	LESS CUT OFF PIECE					
LESS NON	CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG					
PLUS FULL	JTS. LEFT (DUT	0		CASING SET DEPTH 323.71					
	TOTAL		311.86	7	l					
TOTAL CSG	. DEL. (W/O	THRDS)	311.86	7	COMPAR	RE				
TIMING			1ST STAGE							
BEGIN RUN	CSG.	Spud	5/21/2007		GOOD CIRC THRU JOB YES					
CSG. IN HO	LE		5/22/2007			IRC TO SUR				
BEGIN CIRC	<u>; </u>		5/22/2007		RECIPROCA	ATED PIPE F	OR	<u>N</u> A		
BEGIN PUM			5/22/2007				_			
BEGIN DSP			5/22/2007		BUMPED PL	.UG TO			870	
PLUG DOW		T	5/22/2007							
CEMENT US	T			CEMENT COM		B. J.				
STAGE	# SX			CEMENT TYP						
1	160	Class "G" w/	2% CaCL2 + 1	1/4#/sk Cello-F	lake mixed @) 15.8 ppg 1.	17 cf/sk yield	3		
		-								
	<u> </u>	<u></u>				01101411414	TE 0 004014	10		
		TCHER PLAC				SHOW MAK	E & SPACIN	IG		
Jentralizers	s - Middle fi	rst, top seco	nd & third for	3						
							 			

COMPANY REPRESENTATIVE	Justin Crum	DATE 5/25/2007
OOM / NET NEDEN / NET		

FORM 3160-5 (September 2001)

Type of Well

2. Name of Operator

4. Location of Well

☑ Notice of Intent☑ Subsequent Report

Final Abandonment

Oil Well Gas Well

SWSW Section 15 T9S R16E

TYPE OF SUBMISSION

NEWFIELD PRODUCTION COMPAN 3a. Address Route 3 Box 3630

Myton, UT 84052

(Footage, Sec., T.

12. CHECK APP

Convert to

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31 2004

5.	Lease	Serial	No.

	ils to drill or to re-enter ar 3 (APD) for such proposal	6. If Indian, Allottee or Tribe Name.				
	tus diesme m	7. If Unit or CA/	Agreement, Name and/or			
her	· 	8. Well Name and No. FEDERAL 13-15-9-16				
NY	3b. Phone <i>(include ar</i> 435.646.3721	9. API Well No. 4301333136 10. Field and Pool, or Exploratory Area				
C., R., M., or Survey L			MONUMENT 11. County or Par	BUTTE		
PROPRIATE BO	X(ES) TO INIDICATE N	ATURE OF N	DUCHESNE, I			
	TYP	E OF ACTION				
Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production Reclamat Recomple		☐ Water Shut-Off ☐ Well Integrity ☐ Other		
Change Plans	Plug & Abandon	ily Abandon Weekly Status Report				

Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/B1A. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

☐ Plug Back

On 5/24/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notifed of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5960'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 136 jt's of 5.5 J-55, 15.5# csgn. Set @ 5957.39' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 80,000 #'s tension. Release rig @ 6:00 am on 5/29/07.

RECEIVED
JUN 0 1 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and	Title				
correct (Printed/ Typed)	Delling Frances				
Jim Smith Signature	Drilling Foreman Date				
deh	05/30/2007				
anticipal variations and the participal variations	ilinger Kordsikkhiberii				
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.	•				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for a States any false. fictitious and fraudulent statements or representations as to any matter.		e to any department or agency of the United			

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

			3 1/2	CASING SET	Fit clir @ 58		-			
LAST CAS	NG 8 5/8'	" SET	AT 3 <u>23'</u>		_		Newfield i	Production	Company	
DATUM						Federal 1				
_		ASING	12'	T		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Monumen	t Butte		
		- EAD FLANGE					t			
TD DRILLER	5950'	Loggers		·····				, , , , , , , , , , , , , , , , , , , ,		
HOLE SIZE						•				
			· · · · ·							
LOG OF CA	SING STRI	NG:								
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt							1	
		Short jt	(')							
134	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	5899.5	
		Float collar							0.0	
1	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	Α	44.5	
			GUIDE	shoe			8rd	Α	0.6	
CASING IN	VENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF ST	RING		5959.3	
TOTAL LEN	IGTH OF ST	RING	5959.39	135	LESS CUT OFF PIECE					
LESS NON	CSG. ITEMS	3	15.25		PLUS DATUM TO T/CUT OFF CSG				1	
PLUS FULL	JTS. LEFT (TUC	484.8	11	CASING SET DEPTH 5957.					
	TOTAL		6428.94	146	COMPARE					
TOTAL CSC	S. DEL. (W/O	THRDS)	6428.94	146						
TIMING			1ST STAGE	2nd STAGE	1-					
BEGIN RUN	CSG.		5/28/2007	7:00 PM	GOOD CIRC	THRU JOB		Yes		
CSG. IN HO	LE		5/28/2007	9:30 PM	Bbls CMT CIRC TO SURFACE					
BEGIN CIRC			5/28/2007	9:45 PM	RECIPROCATED PIPE FORTHRUSTROKE NA					
BEGIN PUM	IP CMT		5/28/2007	11:33 PM	DID BACK PRES. VALVE HOLD ? Yes					
BEGIN DSP	L. CMT		5/29/2007	12:26 AM	BUMPED PL	.ug to		1920	PSI	
PLUG DOW	N		5/29/2007	12:53 AM						
CEMENT US	SED			CEMENT CO	MPANY-	B. J.				
STAGE	# SX			CEMENT TYP	E & ADDITIV	'ES				
1	300	Premlite II w	/ 10% gel + 3 9	% KCL, 5#'s /sl	CSE + 2# sl	k/kolseal + 1	/2#'s/sk Cello	Flake		
		mixed @ 11	.0 ppg W / 3.43	cf/sk yield						
2	450	50/50 poz W	// 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F.	2% gel. 3%	SM mixed @	14.4 ppg W/	1.24 YLD	
CENTRALIZ	ER & SCRA	TCHER PLAC	CEMENT			SHOW MAK	E & SPACIN	G		
Centralizers	s - Middle fi	rst, top seco	nd & third. Th	en every thir	d collar for a	total of 20	•			
COMPANY F	REPRESENT	TATIVE	Jim Smith				DATE .	5/29/2007		

FORM 3160-5 (September 2001)	UNITED STA DEPARTMENT OF TH			FORM APPROVED OMB No. 1004-0135			
	BUREAU OF LAND MA	5 Tags S-	Expires January 31,2004 5. Lease Serial No.				
	INDRY NOTICES AND RE						
Do no	t use this form for proposal	s to drill or to re-enter a		Allottee or Tribe Name.			
abando	ned well. Use Form 3160-3	(APD) for such proposa	8 U. II. III.				
			7. If Unit or	CA/Agreement, Name and/or			
1. Type of Well							
Oil Well Gas V	Vell Other		8. Well Nan	ne and No.			
2. Name of Operator			FEDERA	AL 13-15-9-16			
NEWFIELD PRODUC			9. API Well	•			
3a. Address Route 3 Bo		3b. Phone (include a					
Myton, UT	ootage, Sec., T., R., M., or Survey De	435.646.3721		d Pool, or Exploratory Area ENT BUITE			
* Tocaron Mississian 1	oouge, sec., 1., 1., 14, or suggest be	eri thionia	the state of the s	or Parish, State			
CIVOUT STATES	R16E			Eury Const			
SWSW_SOCIETY	K10B	The second secon	TO DUCHES	NE, UI			
-12. (CHECK APPROPRIATE BOX	K(ES) TO INIDICATE N	ATURE OF NOTICE, OI	R OTHER DATA			
TYPE OF SUBMISS	ION	TYI	PE OF ACTION	· · · · · · · · · · · · · · · · · · ·			
TITE OF SOBMISS							
▼ Notice of Intent	Acidize	Deepen	Restriction(Start/Resur	· · · =			
	Alter Casing	Fracture Treat	Resignation	Well Integrity			
Subsequent Report	Casing Repair	New Construction	Recomplete	Other			
Final Abandonment	Change Plans	Plug & Abandon	Temporarily Abandon				
- Finai Avandonment	Convert to	Plug Back	Water Disposal				
•	injected into approved Class I quality criteria, is disposed at disposal facilities.	Newfield's Pariette #4 dis	posal well (Sec. 7, T9S R				
			of by the				
		Act :	invision of				
		(14 2 1)	Oil, Gas and Mining				
		Oil, Gas	ONLY	•			
		-OF BE	CORD ONLY				
		FOH UP					
			·				
hereby certify that the fore	going is true and	Title					
orrect (Printed/ Typed)	Sound to man	1					
Mandie Crozier		Regulatory Sp	ecialist				
ignature	- Cursen	Date 06/26/2007					
· p / come	e cours	1 00/20/2007					
				Date			
	are attached. Approval of this notice does egal or equitable title to those rights in the		•				
high would entitle the annlice	nt to conduct operations thereon						
de 18 U.S.C. Section 1001 ar	d Title 43 U.S.C. Section 1212, make it a raudulent statements or representations as	crime for any company and	willfully to make to any department	t or agency of the United			
	raudulent statements or representations as	to any matter withways jurisdiction	Ville				
istructions on reverse)		JUL 032	UU1				
	·	• •					

DIV. OF OIL, GAS & MINING

STATE OF UTAH

The above subject well was completed on 06/25/07, attached is a daily completion status report.

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING USA UTU-017985 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL: OIL WELL GAS WELL OTHER FEDERAL 13-15-9-16 9. API NUMBER: 2. NAME OF OPERATOR: 4301333136 NEWFIELD PRODUCTION COMPANY 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER 3. ADDRESS OF OPERATOR: MONUMENT BUTTE STATE UT ZIP 84052 435.646.3721 Route 3 Box 3630 CITY Myton 4. LOCATION OF WELL: COUNTY: DUCHESNE FOOTAGES AT SURFACE: STATE: UT OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 15, T9S, R16E

CHECK APPROI	PRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPO	RI, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION			
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL			
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON			
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR			
	CHANGE TUBING	PLUG AND ABANDON	■ VENT OR FLAIR			
X SUBSEQUENT REPORT	CHANGE WELL NAME	☐ PLUG BACK	WATER DISPOSAL			
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF			
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER: - Weekly Status Report			
07/10/2007	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.						

/ Luci Pul	TITLE Production Clerk
NAME (PLEASE PRINT) Jentri Park	IIILE TTOGANION CHAIN
SIGNATURE MANAGEMENT	DATE_ 07/10/2007
Tool of co	

This space for State use only)

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JUL 1 1 2007

DIV. OF OIL, GAS & AMERICA

Daily Activity Report

Format For Sundry FEDERAL 13-15-9-16 4/1/2007 To 8/30/2007

6/14/2007 Day: 1

Completion

Rigless on 6/13/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5870' & cement top @ 56'. Perforate stage #1, CP5 sds @ 6058-67' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 36 shots. 140 bbls EWTR. SIFN.

6/20/2007 Day: 2

Completion

Rigless on 6/19/2007 - RU BJ Services. 37 psi on well. Frac CP5 sds w/ 40,000#'s of 20/40 sand in 406 bbls of Lightning 17 fluid. Broke @ 3007 psi. Treated w/ ave pressure of 1700 psi @ ave rate of 22.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1980 psi. Leave pressure on well. 406 BWTR. Stage #2, CP1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 14' perf gun. Set plug @ 5580'. Perforate CP1 sds @ 5467-81' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. RU BJ Services. 1457 psi on well. Perfs would not break down. RU Perforators WLT. Dump bail acid on perfs. RU BJ Services. 1303 psi on well. Frac CP1 sds w/ 50,251#'s of 20/40 sand in 432 bbls of Lightning 17 fluid. Broke @ 2951 psi. Treated w/ ave pressure of 1294 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1690 psi. Leave pressure on well. 432 BWTR. Stage #3, B1 & B.5 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 5' & 6' perf gun. Set plug @ 4950'. Perforate B1 sds @ 4829-34' & B.5 sds @ 4803-09' w/ 3-1/8' Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots, RU BJ Services. 884 psi on well. Frac B1 & B.5 sds w/ 14,309#'s of 20/40 sand in 248 bbls of Lightning 17 fluid. Broke @ 4000 psi. Treated w/ ave pressure of 1801 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1810 psi. Leave pressure on well. 248 BWTR. Stage #4, D1 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 7' perf gun. Set plug @ 4720'. Perforate D1 sds @ 4610-17' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 1590 psi on well. Perfs would not break. RU Perforators WLT. Dump bail acid on perfs. RU BJ Services. 1450 psi on well. Frac D1 sds w/ 25,018#'s of 20/40 sand in 338 bbls of Lightning 17 fluid. Broke @ 2755 psi. Treated w/ ave pressure of 2056 psi @ ave rate of 21.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1990 psi. Leave pressure on well. 338 BWTR. Stage #5, GB4 sds RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 8' perf gun. Set plug @ 4150'. Perforate GB4 sds @ 4040-48' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1564 psi on well. Frac GB4 sds w/ 28,952#'s of 20/40 sand in 294 bbls of Lightning 17 fluid. Broke @ 3808 psi. Treated w/ ave pressure of 1723 psi @ ave rate of 24.7 BPM. ISIP 1615 psi. Open well to pit for immediate flowback @ 1 BPM. Well flowed for 3 1/2 hours & died. Recovered 200 bbls water. SWIFN.

6/21/2007 Day: 3

Completion

Western #2 on 6/20/2007 - MIRU Western #2. Bleed pressure off well. Rec est 10

BTF. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4068'. Tbg displaced 10 BW on TIH. RU power swivel. C/O sd to composite bridge plug @ 4150'. Drill out plug in 22 minutes. Circ hole clean W/ no fluid loss. Hang back swivel. SIFN W/ EOT @ 4183'. Est 1300 BWTR.

6/22/2007 Day: 4

Completion

Western #2 on 6/21/2007 - Bleed well off. Rec est 5 BTF. Con't PU & TIH W/ bit and tbg f/ 4183'. Tag plug @ 4720'. PU swivel. Con't C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4720' in 25 minutes; sd @ 4902', plug @ 4950' in 12 minutes; sd @ 5408', plug @ 5580' in 12 minutes. Con't swivelling jts in hole. Tag fill @ 5792'. Drill plug remains & sd to PBTD @ 5912'. Circ hole clean. Lost est 120 BW during cleanout. RD swivel. Pull EOT to 5833'. RU swab equipment. IFL @ sfc. Made 14 swb runs rec 146 BTF W/ light gas, tr oil & no sand. FFL @ 1000'. SIFN W/ est 1269 BWTR.

6/23/2007 Day: 5

Completion

Western #2 on 6/22/2007 - Bleed well off. Rec est 15 BTF W/ tr oil--stays flowing. RU & pump 15 BW dn tbg. TIH W/ tbg. Tag sd @ 5892' (20' new fill). C/O sd to PBTD @ 5912'. Circ hole cleanW/ no fluid loss. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 182 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5696' W/ SN @ 5730' & EOT @ 5792'. Land tbg W/ 16,000# tension. NU wellhead. PU & TIH W/ pump and "A" & "B" grade rod string to 3200'. PU polished rod & SIFN. Est 1254 BWTR.

6/26/2007 Day: 6

Completion

Western #2 on 6/25/2007 - LD polished rod. Con't PU & TIH W/ pump and "A" & "B" grade rod string f/ 3200' (complete as follows): new CDI 2 1/2" X 1 1/2" X 14' RHAC pump, 6-1 1/2" weight rods ("A"), 20-3/4" scrapered rods ("A"), 95-3/4" scrapered rods ("B" grade W/ 2" scrapers), 7-3/4" plain rods ("B"), 100-3/4" scrapered rods ("A"), 1-6' & 1-4' X 3/4" pony rods ("A") & 1 1/2" X 26' polished rod ("A"). Seat pump & RU pumping unit. Fill tbg W/ 3 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1257 BWTR. Place well on production @ 10:30 AM 6/25/2007 W/ 86" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

SUBMIT IN DUPLICATE* FORM APPROVED

(See other in-structions ons

OMB NO. 1004-0137 Expires: February 28, 1995

JP

LINITED STATES

			OINI	EDS	IMIL	.5		reverse	side)	Dispires: 1	cordary a	,, 1,,,,,
		DEPAR	TMEN	IT OF	THE	INTER	RIOR	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	5. LEASE DESI	GNATION A	ND SERIAL NO.
	_					GEME					UTU-	79384
WELL COM	IPLE							ND LOG	*	6. IF INDIAN,		OR TRIBE NAME
a. TYPE OF WORK							_			7. UNIT AGRE	EMENT NA	ME
, mure or well		OIL WELL	X	GAS WELL		DRY	Other				Jo	nah
b. TYPE OF WELL		F	_	NU			7			8. FARM OR I	EASE NAM	E, WELL NO.
NEW X WORK WELL X OVER		DEEPEN		PLUG BACK		DIFF RESVR.	Other				Jonah 1	3-15-9-16
. NAME OF OPERATOR		Nev	wfield E	xplorat	ion Co	mpany				9. WELL NO.		3-33136
. ADDRESS AND TELEPHONE NO		401 17th	St. Sui	te 1000) Denv	ver, CO	80202			10. FIELD ANI		WILDCAT ent Butte
LOCATION OF WELL (Repo		ions clearly a	nd in accor	dance with	any State	requirement				11. SEC., T., R. OR AREA	, M., OR BLO	OCK AND SURVEY
At Surface At top prod. Interval reported be	low	717	1064	05 1 442	(011/01/	v) 000. 10	5, 100, 11102				ec. 15,	T9S, R16E
			1									
At total depth				14. API NO. 43 -	-013-33	3136	DATE ISSUED 04	4/17/07		12. COUNTY O	R PARISH NESNE	UT
5. DATE SPUDDED 16. DAT 05/21/07		EACHED 28/07	17. DA	TE COMPL. ((Ready to pr /25/07	rod.)	18. ELEVATIONS (E 5846		ETC.)*	5858' KE	3	19. ELEV. CASINGHEAD
0. TOTAL DEPTH, MD & TVD		21. PLUG BAC	KTD MD			IF MULTIPLE		23. INTERVALS	ROT	ARY TOOLS		CABLE TOOLS
•						HOW MANY	· ·	DRILLED BY		Х		
5960' 4. PRODUCING INTERVAL(S), OI	THIS C		5912' тор, вотт	OM, NAME ((MD AND	TVD)*		>		^		25. WAS DIRECTIONAL
						4040'-	5743'					survey made No
												27. WAS WELL CORED
6. TYPE ELECTRIC AND OTHER Dual Induction Guar	LOGS RI	ON Compe	nsated	Densit	v. Con	npensat	ed Neutron. C	GR. Calipe	r. Cem	ent Bond		No No
3.	<u>.,</u>	, compe					rt all strings set in v					
CASING SIZE/GRADE		WEIGHT,			TH SET (M		HOLE SIZE	TOP OF C		MENTING REC		AMOUNT PULLED
8-5/8" - J-55		24			324' 12-1/4" To surface with 1						.	
5-1/2" - J-55		15.8	5#		5957'		7-7/8"	300 sx Pren	nlite II ar	nd 450 sx 50	/50 Poz	
											2000	
29.			R RECO		0.000	OD) (E) ET	COREDI (MD)	30. SIZE	r	DEPTH SET (M		PACKER SET (MD)
SIZE	TOP (MD)	вотто	M (MD)	SACKS	S CEMENT*	SCREEN (MD)	2-7/8"	 	EOT @	<u> </u>	TA @
					<u> </u>		1		 	5792'		5696'
1. PERFORATION RECORD (In	tervel si	ze and number	<u> </u>			-	32.	ACID, SHO	Γ. FRACT	URE, CEME	NT SQUEE	ZE, ETC.
INTERVA		et and number,		<u>ZE</u>	SPF/N	NUMBER		ERVAL (MD)		AMOUNT AN	KIND OF	MATERIAL USED
(0	P5) 5	732'-5743'	.4	.9"	4	4/36	0.02 0.10			ac w/ 40,000# 20/40 sand in 406 bbls fluid		
(0	P1) 5	467'-5481'	.4	3"	4	4/56	5467'-5481'		Frac	rac w/ 50,251# 20/40 sand in 432 bb		and in 432 bbls fluid
(B1& .5) 4829'-48				3"		1/44	4803'-		Frac	w/ 14,309#	20/40 sa	and in 248 bbls fluid
		610'-4617'		3"	1	1/28	4610'-		Frac	w/ 25,018#	20/40 sa	and in 338 bbls fluid
	<u> </u>	040'-4048'		3"		1/32	4040'-4048'		Frac	Frac w/ 28,952# 20/40 sand i		and in 294 bbls fluid
	, <u>, , , , , , , , , , , , , , , , , , </u>	0.00.00	•									
					<u> </u>		<u> </u>					
					<u> </u>	PRODUC	TION		<u> </u>			
33.* DATE FIRST PRODUCTION		PRODUCTIO	N METHOE	(Flowing, ga	s lift, pump						WELL ST	ATUS (Producing or shut-in)
06/25/07				2-1/2" x	(1-1/2	" x 14' F	RHAC SM Plu	nger Pump GASMCF.		ERBBL.	Р	RODUCING GAS-OIL RATIO
DATE OF TEST	HOU	RS TESTED	СНОК	E SIZE	PROD'N. TEST PE	RIOD		36	, wa.	13		507
10 day ave						>	71		WATE		OII GRAVIT	Y-API (CORR.)
CASING PRESSURE CALCULATED OIL-BBL. 24-HOUR RATE					RE	CEIVE	p"^i"	C-DDL.	OIL GIGTYTI	1-m (coldi)		
34. DISPOSITION OF GAS (Sold, us	sed for fu	el, vented, etc.)		>		!	JU	L 1 8 200	7	TEST WITNES	SED BY	
35. LIST OF ATTACHMENTS	1		Sold	& Used	ior Fl	nei				1		
	/_							IL, GAS & M	IINING			
36. I hereby certify that the fore	bejng a	nd attached in	formation	complete	and corre	ct as determ	ined from all availab Pr	_{le records} oduction C	lerk		DATE	7/12/2007

Jentri Park

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); TOP воттом DESCRIPTION, CONTENTS, ETC. TOP FORMATION NAME TRUE MEAS. DEPTH VERT. DEPTH Garden Gulch Mkr Well Name 3665' Garden Gulch 1 3778' Jonah 13-15-9-16 Garden Gulch 2 3891' Point 3 Mkr 4139' X Mkr 4406' Y-Mkr 4443' Douglas Creek Mkr 4558' BiCarbonate Mkr 4792' B Limestone Mkr 4897' Castle Peak 5403' Basal Carbonate 5864' Total Depth (LOGGERS 5942'



April 30, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Federal #13-15-9-16

Monument Butte Field, Lease #UTU-39713

Section 15-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #13-15-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

RECEIVED

MAY 0 1 2012

DIV OF OIL, GAS, & MINING

NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL FEDERAL #13-15-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #UTU-39713

APRIL 30, 2012

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STATE OF UTAH DIVISION OF OIL, GAS AND MINING

OPERATOR ADDRESS

Comments:

APPLICATION FOR INJECTION WELL - UIC FORM 1

Newfield Production Company 1001 17th Street, Suite 2000

Denver, Colorado 80202

Well Name and nur	mber:	Federal #	13-15-9-16									
Field or Unit name:	Monument	Butte (Green	River)				Lease No.	Lease No. UTU-39713				
Well Location: QQ	SWSW	section	15	township	98	range	16E	_ county	Duchesne			
Is this application fo	or expansion	of an existing	g project?			Yes[X] No[]					
Will the proposed v	vell be used fo	or:	Disposal'	d Recovery?		Yes []	No [X]					
Is this application for	or a new well	to be drilled?	?			Yes []	No [X]					
If this application is has a casing test Date of test: API number: 43-	been perform	g well, ned on the w	ell? - -			Yes[]	No [X]		·			
Proposed injection Proposed maximun Proposed injection mile of the well.	n injection:		gas, and/oi				-	_				
	IMPOR	TANT:		l information ny this form.	as require	ed by R615	5-5-2 should					
List of Attachments	÷	Attachme	nts "A" thro	ough "H-1"			_					
I certify that this rep	oort is true an	d complete t	o the best	of my knowle	dge.		7					
Title Reg	: Sundberg gulatory Lead			Signature Date	4/3	1/12			 			
Phone No. <u>(30</u>	3) 893-0102	_		_								
(State use only) Application approve Approval Date	ed by					_Title						

Federal 13-15-9-16

Initial Production: Spud Date: 5-21-07 Put on Production: 6-25-07 Proposed Injection MCFD, BWPD Wellbore Diagram GL: 5840' KB: 5858' FRAC JOB SURFACE CASING CSG SIZE: 8-5/8" 6-19-07 5732-5743' Frac CP5 sands as follows: Cement top @ 56' 40000# 20/40 sand in 406 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1700 psi WEIGHT: 24# w/avg rate of 22.2 BPM, ISIP 1980 psi. Calc flush:5730 gal. Actual flush: 5145 gal. LENGTH:.7 jnts (312.81') Casing Shoe @ 324' 6-19-07 5467-5481' Frac CP1 sands as follows: DEPTH LANDED: 323.71' KB 50251# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1294 psi w/avg rate of 23.3 BPM. ISIP 1690 psi. Calc HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 1bbls cmt to surf. flush: 5465 gal. Actual flush: 4872 gal. Frac B1 & B.5 sands as follows: 14309# 20/40 sand in 248 bbls Lightning 17 6-19-07 4829-4809 frac fluid. Treated @ avg press of 1801 psi w/avg rate of 23.4 BPM. ISIP 1810 psi. Calc flush: 4827 gal. Actual flush: 4221 gal. Frac D1 sands as follows: 6-19-07 4610-4617 25018# 20/40 sand in 338 bbls Lightning 17 PRODUCTION CASING frac fluid. 21.8 BPM. ISIP 1990 psi. Calc flush: 4608 gal. Actual flush: 4011 gal. CSG SIZE: 5-1/2" Frac GB4 sands as follows: 28952# 20/40 sand in 294 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 1723 psi. Cale flush: 4038 gal. Actual flush: 3948 gal. 6-19-07 4040-40483 GRADE: 1-55 WEIGHT: 15.5# LENGTH: 135 jts. (5899.55') DEPTH LANDED: 5944.14' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 56' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 182 jts (5683.76') TUBING ANCHOR: 5695.76' KB NO. OF JOINTS: 1 jts (31.59') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5730.15' KB Packer @ 3990' NO. OF JOINTS: 2 its (60.36') 4040-4048 TOTAL STRING LENGTH: EOT @ 5792.06' KB 4610-4617 PERFORATION RECORD 6-13-07 5732-5743' 4803-4809' 6-19-07 5467-5481' 4 JSPF 4829-4834 6-19-07 4829-4834' 4 JSPF 6-19-07 4803-4809' 4 JSPF 6-19-07 4610-4617 4 ISPF 6-19-07 4040-4048' 4 JSPF 5467-5481 5732-5743 NEWFIELD PBTD @ 5912'

TD @ 5960'

Federal 13-15-9-16

717' FSL & 469' FWL SW/SW Section 15-T9S-R16E Duchesne Co, Utah API #43-013-33136; Lease #UTU-39713 56 holes

20 holes

20 holes

28 holes

BOPD.

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
 - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17th Street, Suite 2000 Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #13-15-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #13-15-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3889' - 5912'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3562' and the TD is at 5960'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #13-15-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-39713) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 5944' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1654 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #13-15-9-16, for existing perforations (4040' - 5743') calculates at 0.74 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1654 psig. We may add additional perforations between 3562' and 5960'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #13-15-9-16, the proposed injection zone (3889' - 5912') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

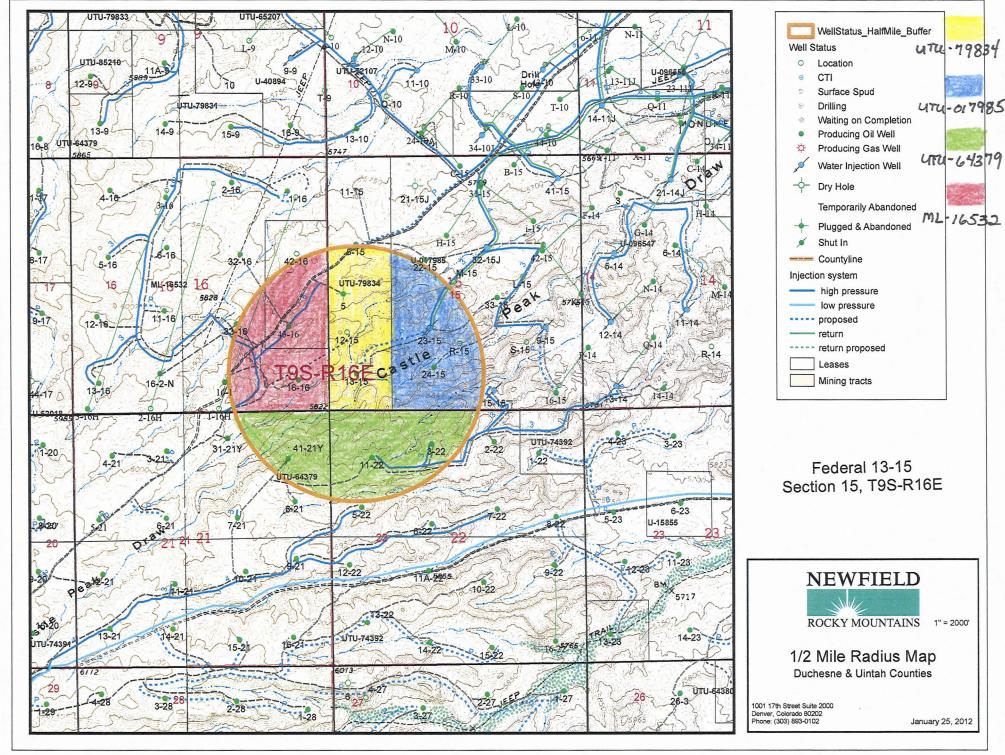
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

ATTACHMENT A



T9S, R16E, S.L.B.&M. S89*59'W - 79.88 (G.L.O.) 2636.04' (Measured) \$89'59'W G.L.O. (Basis of Bearings) S89°53'49"W - 2644.98' (Meas.) 5/8" Rebar Aluminum Brass Cap 2638.68' (Meas.) W" 15' EO' OON (G.L.O.) 1/4 Comer Proportioned (Not Set) 1910 Brass Cap WELL LOCATION: 9 MILE 13-15-9-16 ELEV. UNGRADED GROUND = 5845.8' М"6£, 469' N0074 1910 1910 Brass Cap Brass Cap S89°57'48"W - 2639.18' (Meas.) S89°30'28"W - 2629.55' (Meas.) 1910 S89*57'W - 79.16 (G.L.O.)

♠ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 13-15-9-16 (Surface Location) NAD 83 LATITUDE = 40' 01' 32.15" LONGITUDE = 110' 06' 47.37"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 13-15-9-16, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 15, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PET WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND SORRECT TO THE BEST OF MY KNOWLEDGE AND FILES No. 189377 STACY W.

REGISTERED LANG SURVEYOR RAGISTRA ON No. 20033

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(100)	-
DATE SURVEYED: 1-24-06	SURVEYED BY: C.M.
DATE DRAWN: 1-26-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 15: W2W2	USA UTU-79834 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R16E SLM Section 10: S2SE Section 15: E2, E2W2	USA UTU-017985 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, Lots 3,4 Section 19: NE, E2NW, Lots 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 16: All	State of Utah ML-16532 HBP	Newfield Production Company Newfield RMI LLC QEP Energy Company El Paso E&P Company LP American Petroleum Corp Brave River Production Trans Republic Resources Inc El Paso Production Oil & Gas Company	State of Utah

Federal 13-15 Page 1 of 1

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Federal #13-15-9-16
	certify that a copy of the injection application has been provided to all surface owners within a f mile radius of the proposed injection well.
Signed	Newfield Production Company Eric Sundberg Regulatory Lead
Sworn t	o and subscribed before me this 30 th day of April , 2012.
Notary l	Public in and for the State of Colorado: <u>Andice L. Duitty</u>
My Con	My Commission Expires nmission Expires: 02/10/2013

ATTACHMENT E

Federal 13-15-9-16

Initial Production: BOPD, Spud Date: 5-21-07 Put on Production: 6-25-07 Wellbore Diagram MCFD, BWPD GL: 5840' KB: 5858' FRAC JOB SURFACE CASING 6-19-07 5732-5743 Frac CP5 sands as follows: CSG SIZE: 8-5/8" Cement top @ 56 40000# 20/40 sand in 406 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1700 psi w/avg rate of 22.2 BPM. ISIP 1980 psi. Calc WEIGHT: 24# flush:5730 gal. Actual flush: 5145 gal. LENGTH:.7 jnts (312.81') Frac CP1 sands as follows: 50251# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated@ avg press of 1294 psi w/avg rate of 23.3 BPM. ISIP 1690 psi. Calc 6-19-07 5467-5481' Casing Shoe @ 324' DEPTH LANDED: 323.71' KB HOLE SIZE:12-1/4" CEMENT DATA: 160 sxs Class "G" cmt, est 1bbls cmt to surf. flush: 5465 gal. Actual flush: 4872 gal. Frac B1 & B.5 sands as follows: 14309# 20/40 sand in 248 bbls Lightning 17 6-19-07 4829-4809 frac fluid. Treated @ avg press of 1801 psi w/avg rate of 23.4 BPM. ISIP 1810 psi. Calc flush: 4827 gal. Actual flush: 4221 gal. Frac D1 sands as follows: 6-19-07 4610-4617 25018# 20/40 sand in 338 bbls Lightning 17 frac fluid. 21.8 BPM. ISIP 1990 psi. Calc flush: 4608 gal. Actual flush: 4011 gal. PRODUCTION CASING CSG SIZE: 5-1/2" Frac GB4 sands as follows: 6-19-07 4040-4048 GRADE: J-55 28952# 20/40 sand in 294 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 1723 psi. Calc WEIGHT: 15.5# flush: 4038 gal. Actual flush: 3948 gal. LENGTH: 135 jts. (5899.55') DEPTH LANDED: 5944.14' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 56' TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 182 jts (5683.76') TUBING ANCHOR: 5695.76' KB NO. OF JOINTS: 1 jts (31.59') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5730.15' KB NO. OF JOINTS: 2 jts (60.36') 4040-4048 TOTAL STRING LENGTH: EOT @ 5792.06' KB 4610-4617 PERFORATION RECORD SUCKER RODS 6-13-07 5732-5743 36 holes 4803-4809' 4 JSPF 6-19-07 5467-5481' 56 holes 4829-4834 POLISHED ROD: 1-1/2" x 26' SM 6-19-07 4829-4834' 4 JSPF 20 holes SUCKER RODS: 1-6' & 1-4' \times 3/4" pony rods, 100- \times 3" scrapered rods, 7- \times 3" plain rods, 95- \times 3" scrapered rods, 20- \times 3" scrapered rods, 6-1 \times 3" weight rods. 6-19-07 4803-4809' 4 JSPF 20 holes 6-19-07 4610-4617' 4 JSPF 28 holes 6-19-07 4040-4048' 4 JSPF PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC STROKE LENGTH: 86" 5467-5481' PUMP SPEED, 5 SPM Anchor @ 5696' SN 5730' 5732-5743 EOT 5792' NEWFIELD PBTD @ 5912' Federal 13-15-9-16 TD @ 5960' 717' FSL & 469' FWL SW/SW Section 15-T9S-R16E Duchesne Co, Utah API #43-013-33136; Lease #UTU-39713

ATTACHMENT E-1

Federal 5-15-9-16

Initial Production: BOPD, Spud Date: 5-25-07 Put on Production: 7-1-07 MCFD, BWPD Wellbore Diagram GL: 5808' KB: 5820' FRAC JOB SURFACE CASING 6-25-07 5450-5542' Frac CP2 sands as follows: CSG SIZE: 8-5/8" 24334# 20/40 sand in 348 bbls Lightning 17 GRADE: J-55 frac fluid. Treated@ avg press of 1701 psi Cement top @ 46' WEIGHT: 24# w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush:5448 gal. Actual flush: 5166 gal. LENGTH:.7 jnts (299.7') Frac CP1 sands as follows: 6-25-07 5539-55603 DEPTH LANDED: 311.55' KB 100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi HOLE SIZE: 12-1/4" w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf. flush: 5537 gal. Actual flush: 5040 gal. 6-25-07 4819-4825 Frac C sands as follows: 19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal. Frac D1 sands as follows: 6-25-07 4665-4674 45093# 20/40 sand in 407 bbls Lightning 17 PRODUCTION CASING frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal. CSG SIZE: 5-1/2" GRADE: J-55 4218-4224 Frac GB6 sands as follows: 4174-4181 39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. 1SIP 2212 psi. Calc WEIGHT: 15.5# LENGTH: 137jts. (6020.14') flush: 4216 gal. Actual flush: 4158gal. 4174-4181' FracGB4 sands as follows: DEPTH LANDED: 6033,39' KB 4218-4224 No information for this frac on the driling HOLE SIZE: 7-7/8" report. CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 46' 4665-4674 SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 185 jts (5579.62') 4819-4825 TUBING ANCHOR: 5591.62' KB NO. OF JOINTS: 1 jts (29.35') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5623.77' KB NO. OF JOINTS: 2 jts (61.14') TOTAL STRING LENGTH: EOT @ 5686.46' KB 5539-5560' Anchor @ 5592' PERFORATION RECORD SUCKER RODS 6-20-07 5616-5625' 4 JSPF 36 holes SN 5624' 6-25-07 5539-5560' 4 JSPF 84 holes 5616-5625 POLISHED ROD: 1-1/2" x 22' SM 4819-4825 4 ISPF 6-25-07 24 holes 4665-4674' SUCKER RODS: 1-4'x3/4" Pony rod, 100-3*/4" Scrapered rods, 98-3/4" plain 4 JSPF 36 holes 6-25-07 6-25-07 4218-4224' 4 JSPF 24 holes rods, 20-3/4" scrapered rods, 6-11/2" wieght rods. 4174-4181' 4 JSPF 28holes PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC STROKE LENGTH: 86" PUMP SPEED, 51/2 SPM EOT 5686 NEWFIELD PBTD @ 5988 Federal 5-15-9-16 TD @ 6040' 1791' FNL & 578' FWL SW/NE Section 15-T9S-R16E Duchesne Co, Utah

API #43-013-33138; Lease #UTU-017985

ATTACHMENT E-2

Fed. #3-22-9-16

Spud Date: 5-31-07 Put on Production: 7-4-07

GL: 5866' KB: 5878'

Wellbore Diagram

Cement Top @ 116'

Casing Shoe @ 300'

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 7 jts. (287.98') DEPTH LANDED: 299 83' KB HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 145 jts. (6357.47') DEPTH LANDED: 5910.55' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sx 50/50 POZ

CEMENT TOP: 116'

TUBING

SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 169 jts (5263.03') TUBING ANCHOR: 5263' KB NO. OF JOINTS: 1 jts (31.60') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5297.40' KB NO. OF JOINTS: 2 its (63.23')

TOTAL STRING LENGTH: EOT @ 5362' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods

SUCKER RODS: 1-8', 1-6', 1-4', 1-2', x 34" ponies, 99-3/4" guided rods, 86-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods

PUMP SIZE: CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump w/sm plunger

STROKE LENGTH: 86" PUMP SPEED, SPM: 5

4744-4754 4859-4867 Anchor @ 52633 SN @5297 5313-5320 EOT@ 5362

4152-4158

PBTD @5865

TD @5914

FRAC JOB

5313-53201 RU BJ & frac LODC sds as follows: 40,796# 20/40 sand in 411 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3412 w/ ave rate of 22.2 bpm w/ 6.5 ppg of sand. ISIP was 3327. Actual flush: '4830 gals.

6/29/07 4859-4867 RU BJ & frac stage #2 as follows: 34.536#'s of 20/40 sand in 354 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3900 w/ ave rate of 22.1 bpm w/ 6.5 ppg of sand. ISIP was 4200. Actual flush: 2646 gals.

6/29/07 4744-4754 RU BJ & frac stage #3 as follows: 34,902#'s of 20/40 sand in 390 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2527 w/ ave rate of 27.6 bpm w/ 6.5 ppg of sand. 1144 bbls EWTR. ISIP was 1925. Actual flush: 4242 gals

6/29/07 4152-4158 RU BJ & frac stage #4 as follows: 44,919#'s of 20/40 sand in 372 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2360 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. 1517 bbls EWTR. ISIP was 1900. Actual flush: 5996 gals.

12/21/09

Parted Rods Rod & Tubing updated

PERFORATION RECORD

06/29/07 5313-5320' 4 JSPF 28 holes 06/29/07 4859-4867' 4 ISPF 32 holes 06/29/07 4744-4754' 4 JSPF 06/29/07 4152-4158' 4 JSPF 24 holes



683' FNL & 2079' FWL (NE/NW) **Section 22, T9S, R16E** Duchesne Co, Utah API #43-013-33024; Lease # UTU-64379

Monument Fed. 23-15-9-16

Spud Date: 10/06/93 Put on Production: 11/30/93 Put on Injection: 11/11/94

GL: 5828' KB: 5838' SURFACE CASING

LENGTH: 6 jts. (270.52')

HOLE SIZE: 12-1/4"

DEPTH LANDED: 278.25' KB

CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT: 24#

Injection Wellbore Diagram

Cement Top@ 2490'

Initial Production: 40 BOPD, 200 MCFD, 56 BWPD

FRAC JOB

11/03/93 5212'-5222' Frac zone as follows:

20,700# 16/30 sand in 380 bbls. 2% KCI.

Screened out.

11/11/93 4645'-4808' Frac zone as follows:

> 39 890# 16/30 sand in 637 bbl KCL Ave treating press, 2800 psi @ 19.5 BPM. ISIP 1890 psi. Calc. flush: 4645 gal. Actual flush:

07/15/05 06/21/10 5 YR MIT 5 YR MIT

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5#

LENGTH: 130 jts. (5666.71') DEPTH LANDED: 5675.71' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 100 sxs Hi-Fill & 250 sxs 50/50 POZ

CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

CEMENT TOP AT: 2490' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 148 jts (4569.94') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 4580.99' KB 2 7/8" x 2 3/8" CROSSOVER: 4581.74' KB

PACKER: 4587.94' KB

TOTAL STRING LENGTH: EOT @ 4587.94'

PERFORATION RECORD 11/01/93 5216'-5220' 2 JSPF 11/03/93 5212'-5222' 4 JSPF 11/09/93 4803'-4808' 1 ISPF

10/12/94 4645'-4649'

05 holes 11/09/93 4666'-4672' 1 JSPF 04 holes 11/09/93 4653'-4655' LJSPF 02 holes 11/09/93 4645'-4649' 1 JSPF 03 holes 10/12/94 4666'-4672' 2 JSPF 12 holes 10/12/94 4653'-4655' 2 JSPF 04 holes

CIBP @ 5140' (10/13/94) 5212'-5222' LODC sds

> SN @ 4580' EOT @ 4587' PBTD @ 5625 TD @ 5700'

Packer @ 4587'

4645'-4649' D-1 sds

4653'-4655' D-1 sds

4666'-4672' D-2 sds

4803'-4808'

Monument Fed. #23-15-9-16

1724' FSL & 2078' FWL NESW Section 15-T9S-R16E Duchesne Co, Utah API #43-013-31373; Lease #UTU-76241 08 holes

40 holes

Attachment E-4

Monument Federal #11-22

Wellbore Diagram

Spud Date:

Put on Production:

GL: 5917' KB: 5927'

SURFACE CASING

CSG SIZE: 8 5/8" GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (248.10')

DEPTH LANDED: 258.10' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 160sxs Class "G" mixed cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5 1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 145 jts. (5648.71') DEPTH LANDED: 5658.71' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.

CEMENT TOP AT 474'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
NO. OF JOINTS: 155 jts (4848.93')
NO. OF JOINTS: 2jts (62.78)
SEATING NIPPLE: 2 7/8" (1.10')
SN LANDED AT: 4924.51' KB

NO. OF JOINTS: 1jts (31.45)

TOTAL STRING LENGTH: EOT @ 4957.51' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM

SUCKER RODS: 2-2', 1-4', 6', 8' X ³/₄" pony rods, 170- ³/₄" plain rods, 20- ³/₄"

guided rods, 6- 1 $\frac{1}{2}$ " weight rods

PUMP SIZE: 2-1/2" x 1-1/2" x 14 1/2' RHAC w/SM plunger

STROKE LENGTH: 74"
PUMP SPEED, SPM: 5 SPM

ACID JOB /BREAKDOWN

9/6/96 4754'-4761' BJ Services: 1428 gal 2% KCL 4871'-4878' water w/ 28 ball sealers. Balled 4880'-4884' off. ATP= 1900 psi, ATR= 3.0 bpm, ISIP= 1400 psi.

9/6/96 4871'-4878' BJ Services: 1596 gai 2% KCL 4880'-4884' water w/ 44 bail sealers. Balled off. ATP= 1600 psi, ATR= 3.0 bpm, ISIP= 1300 psi.

9/7/96 4057'-4066' BJ \$

4057'-4066' BJ Services: 2268 gal 2% KCL water w/ 72 ball sealers. Ball action but no ball off. ATP= 2000 psi, ATR= 3.5 bpm, ISIP=1400 psi.

FRAC JOB

9/7/96 4754'-4761' BJ Services: 24,402 gal 2% 4871'-4878' KCL water w/ 80,100# 16/30 4880'-4884' sand. ATP= 2200 psi, ATR= 35.4 bpm, ISIP= 2100 psi, 5 min=1780 psi, 10 min= 1690 psi, 15 min= 1640 psi.

9/7/96 4057'-4066'

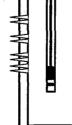
BJ Services: 14,532 gal 2% KCL water w/ 39,000# 16/30 sand. ATP= 2000 psi, ATR= 31.0 bpm, ISIP= 1600 psi, 5 min= 1400 psi, 10 min= 1290 psi, 15 min= 1230 psi, 30 min= 1130 psi,

PERFORATION RECORD

9/5/96	Schlumberger	4754'-4761' 4871'-4878' 4880'-4884'	2 SPF 2 SPF 2 SPF
9/7/96	Schlumberger	4057'-4066'	4 SPF

3-20-08

Workover. Updated rod and tubing detail



4057'-4066' 4754'-4761'

4871'-4878' 4880'-4884'

SN LANDED @ 4925' KB EOT LANDED @ 4958' KB

PBTD @ 5614' KB TD @ 5700' KB



Monument Federal 11-22-9-16Y 957' FNL & 832' FWL NW/NW Section 22-T9S-R16E Duchesne Co, Utah API #43-013-31647: Lease #UTU-64379

Balcron Federal #41-21y

Wellbore Diagram

Elev.GR - 5953.5' GL Elev.KB - 5966' (13' KB)

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24# LENGTH: 250' DEPTH LANDED: 258' KB HOLE SIZE: 12-1/4" CEMENT DATA: 15 sks class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 6004.02' DEPTH LANDED: 5999' KB HOLE SIZE: 7-7/8"

CEMENT DATA: 165 sks thrifty lite. Tailed

w/ 275 sks 50-50 POZ.

CEMENT TOP AT: 2980' KB

TUBING

SIZE/GRADE/WT : 2-7/8' 8rd EUE / J-55 / 6.5# NO. OF JOINTS: 144 its TUBING ANCHOR. 2-7/8"x5-1/2" NO. OF JOINTS: 21 Jts SEATING NIPPLE: 2-7/8"x1.10" PERFORATED SUB: 2-7/8"x3.20" MUD ANCHOR: 2-7/8"x31.82" STRING LENGTH SNILANDED AT

SUCKER RODS

POLISHED ROD: 1-1/4"x22" SM

SUCKER RODS:

1-3/4"x8" Pony 195-3/4"x25" Plain 6-1"x25" EL w/2.5 guides

TOTAL STRING LENGTH: 5061

PUMP NUMBER: Trico #1193 PUMP SIZE: 2-1/2"x1-1/2"x16" RWAC

STROKE LENGTH: 58 inches PUMP SPEED, SPM: 6.5 SPM PUMPING UNIT SIZE PUMPING UNIT PRIME MOVER:

Balcron Federal #41-21y

NEWFIELD

Monument Butte Lease #U-64379 NE NE Section 21, T9S, R16E 970.2' FNL, 893.8 FEL Duchesne County, Utah

A7I#43-013-31392

ACID JOB /BREAKDOWN

8/24/93 5023'-5036' Halliburton: ATP=2500 psi. ATR=2.5 bpm, ISIP=1950

8/28/96 4645'-4650'

Halliburton: ATR=6.5 bpm,

4614'-4624' ATP=2650 psi.

FRAC JOB

5023'-5036' No vols or quantities in

report. Max. Rate=36 bpm, max. Press.=3200 psi, ATP=2470 psi, ISIP=2084 psi, 5 min=1770 psi, 10 mir=

1723 psi, 15 min=1672 psi.

8/28/96 4645'-4650' Halliburton:

4614'-4624'

No vols or quantities in report. Max. Rate=35 bpm, ISIP=1972 psi, 5 min= 1791 psi, 10 min=1679 psi,

15 min=1607 psi.

4614'-4624'

1 SPF

PERFORATION RECORD

8/23/93 Cutter 5023'-5036' 2 SPF 8/27/93 Schlumberger 4645'-4650' 1 SPF

4614'-4624'

4645'-4650'

5023'~5036'

SN LANDED @6061' KB EOT LANDED @ 5098' KB

PBTD @ 5950' KB TD @ 6000' 'KB

Attachment E-6

Castle Peak State 33-16-9-16

Spud Date:

Put on Production: 5/27/1982

GL: 5856' KB: 5892'

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 24
LENGTH: 250'
DEPTH LANDED: 242.48'
HOLE SIZE: 12-1/4"
CEMENT DATA: 200sx Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE:
WEIGHT: 15.5#
LENGTH:
DEPTH LANDED: 5608'
HOLE SIZE: 7-7/8"
CEMENT DATA: .250sx 50/50 Poz
CEMENT TOP AT: 3780'

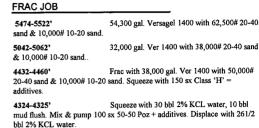
Tubing Record

Size: 2-7/8"

Wellbore Diagram

Casing Shoe @ 242'

Initial Production:



4270-4290' Frac with 32,000 gal. Ver 1400 with 38,000# 20-40 sand & 19,000# 10-20 sand. Squeeze with 150 sx Class 'H' cement + additives.

PERFORATION RECORD

2 SPF

4 holes

5474-5480'

5490-5514

5518-5522

5042-5062'

4432-4460'

4324-4325'

4270-4290'

4270-4290' 4324-4325' 4432-4460' 5042'-5062'sqd 5474'-5480'sqd 5490'-5514'sqd 5518'-5522' EOT @ 5527' PBTD @ 5549' TD @5608'

NEWFIELD

Castle Peak State 33-16-9-16
1838 FSL - 1925 FEL
NW/SE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30640; Lease #ML-16532

Attachment E-7

State 16-16-9-16

Spud Date: 05-03-08 Put on Production: 05-12-08 GL: 5879' KB: 5891'

Wellbore Diagram

Cement Top: 140'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (305.64')
DEPTH LANDED: 316'
HOLE SIZE: 12-1/4"

CEMENT DATA: To Surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 139jts HOLE SIZE: 7-7/8" DEPTH LANDED: 5732'

CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz

CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 173 jts (5432.6')
TUBING ANCHOR: 5444.6'kb
NO. OF JOINTS: 2jts (63.0')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5510.4'kb
NO. OF JOINTS: 1 jt. (31.3')
TOTAL STRING LENGTH: EOT @ 5543'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26"

SUCKER RODS: 1-2' x 1 pony rod, 1-6' x 1 pony rod, 1-8' x 1 pony rod, 1-8' x 1 pony rod, 98-1 guided rods, 43-1 sucker rods, 71-1 guided rods, 6-1 1 weight bars

SN @ 5511'

PUMP SIZE: CDI 2 1/2" x 1 1/2" x 17' RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5

NEWFIELD

State 16-16-9-16 658' FSL & 664' FEL

SE/SE Section 19-T9S-R16E Duchesne Co, Utah

API #43-013-33854; Lease # Utah State ML-16532

FRAC JOB

4612-46203

4806-4815'

4956-4966'

Anchor @ 5445'

5466-5492'

EOT @ 5544'

PBTD @ 5684'

TD@ 5740'

6-16-08 5466-5492' RU BJ & frac CP1 sds as follows: 56,437# 20/40 sand in 509 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 120.3 w/ ave rate of 23.5 bpm w/ 8 ppg of sand. ISIP was 1603. Actual Flush: 5006 gals.

6-16-08 4956-4966' RU BJ & frac stage #2 as follows: 47,866# 20/40 sand in 458 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2113 w/ ave rate of 23.3 bpm w/ 8 ppg of sand. ISIP was 2460. Actual Flush: 4523 gals.

6-16-08 4806-4815' RU BJ & frac stage #3 as follows: 19,736# 20/40 sand in 307 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1699 w/ ave rate of 23.2 bpm w/ 6 ppg of sand. ISIP was 1822. Actual Flush: 4347 gals.

6-16-08 4612-4620' RU BJ & frac stage #4 as follows: 16,608# 20/40 sand in 290 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1953 w/ ave rate of 23.4 bpm w/ 6 ppg of sand. 1699 bbls EWTR. ISIP was 1888. Actual Flush: 4615 gals.

7/28/08 Pump Change. Updated rod &tubing details.

3-13-09 Tubing Leak. Updated r & t details.

10/19/09 Pump Change. Updated rod & tubing detail.

6/17/2010 Tubing leak. Updated rod and tubing detail.

PERFORATION RECORD

 4612-4620'
 4 JSPF
 32 holes

 4806-4815'
 4 JSPF
 36 holes

 4956-4966'
 4 JSPF
 40 holes

 5466-5492'
 4 JSPF
 104 holes

Castle Peak State 43-16-9-16

Spud Date: 10/20/81 Put on Production: 5/06/82

GL: 5882' KB: 5892'

Wellbore Diagram

Initial Production: 90 BOPD, TSTM MCFD, 10 BWPD

SURFACE CASING

CSG SIZE: 9-5/8" GRADE: J-55 WEIGHT: 36# LENGTH: 235' DEPTH LANDED: 245' KB HOLE SIZE: 12-1/4" CEMENT DATA: 200 sxs cement.

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: K-55 WEIGHT: 15.5# LENGTH: 5590' DEPTH LANDED: 5598.78' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 450 sxs cement. CEMENT TOP AT: 3564'

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5# NO. OF JOINTS: 141 jts (4405.9') SEATING NIPPLE: 1-2 3/8" (1.10") SN LANDED AT: 4415.9'

EOT @ 4417'

					FRAC	IOB
Casing Shoe @ 245'		П	I		110.00	5520°
Casing Office to 245	41		屽	•		4620
			Ħ		6/26/92	
			Ш		5/27/04	
			Ш		9/22/04	
			П		7-26-05	
			Ш		8/24/07	
			Ш		03/11/08	
			Ш		10-29-08	
			Ш		6/8/09	
			Н		05/25/11	
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TOC @ 3564'			Ш			
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	Ш	ш		EOT @ 4417'		
	干	ì	Ī	4620'-4636'		
	=	{		5068'-5092'		
	뷬		Ļ	5520'-5550'		
			T			
1				Top of Fill 5558'		
-				PBTD @ 5570'		
				SHOE @ 5599'		
}			N	TD @ 5600'		
ı						

	5520'-5550'	Frac w/ 60,000# sand.
	5068'-5092'	Frac w/ 48,000# sand.
	4620'-4636'	Frac w/ 48,000# sand.
6/26/92		Hole in tubing. Update rod and tubing details.
5/27/04		Tubing leak. Update rod and tubing details.
9/22/04		Tubing leak. Update rod and tubing details.
7-26-05		Pump Change: Update tubing and rod details
8/24/07		Parted rods. Updated rod & tubing details.
03/11/08		Tbg Leak Updated rod and tubing detail
10-29-08		Pump Change. Updated rod &tubing details.
6/8/09		Tubing Leak. Updated r & t details.
05/25/11		Temporary Abandonment
06/13/11		MIT for TA

PERFORATION RECORD

4620'-4636'	2 SPF	34 holes
5068'-5092'	2 SPF	50 holes
5520'-5550'	2 SPF	60 holes



Castle Peak State 43-16 1820' FSL & 820' FEL NE/SE Section 16-T9S-R16E Duchesne County, Utah API #43-013-30594; Lease #ML-16532

Castle Peak #24-15-9-16

Spud Date: Put on Production:

CSG SIZE: 8-5/8"

LENGTH: 7 jts. (261') DEPTH LANDED: 274'

HOLE SIZE:12-1/4'

GRADE: K-55

WEIGHT: 24#

GL: 5770' KB: 5783'
SURFACE CASING

Wellbore Diagram

Cement top@ 920'

Initial Production: ? BOPD, ? MCFD, ? BWPD

FRAC JOB

7/19/82 5460'-5477' **Frac zone as follows:**30,500# 20/40 + 6,000# 10-20 sand in
643 bbls Ver 140 fluid. Treated @ avg
press of 1650 psi w/avg rate of 15 BPM.

ISIP 1620 psi.

8/08/82 4893'-4904' Frac zone as follows:

19,500# 20/40 + 6,000# 10-20 sand in 560 bbls Ver 140 fluid. Treated @ avg press of 2000 psi w/avg rate of 10 BPM. ISIP 2120 psi.

8/21/82 4534'-4548' Frac zone as follows:

8/26/2010

4534'-4548'

4645'-4652'

4893'-4904'

Anchor @ 5427'

5460'-5477'

SN @ 5460' EOT @ 5491' Top of fill @ 5809'

PBTD @ 5830' TD @ 5872' 44,500# 20/40 + 12,000# 10-20 sand in 905 bbls Ver 140 fluid. Treated @ avg press of 2600 psi w/avg rate of 15 BPM.

Parted rods. Updated rod and tubing detail.

ISIP 1920 psi.

11/6/01 Tbg leak. Update rod and tubing details.
11/20/01 Pump change. Update rod details.
5-31-05 Pump change. Update rod details.
8/18/09 Tubing Leak. Updated rod & tubing detail.

PRODUCTION CASING

CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5#

LENGTH: 138 jts. (5870.46') DEPTH LANDED: 5867' HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Dowell HiLift & 475 sxs 10-0 PFC

CEMENT DATA: 200 sxs Type II cement. Returns to surface.

CEMENT TOP AT: 920' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5413.8')
TUBING ANCHOR: 5426.8'
NO. OF JOINTS: 1 jt (29.5')
SEATING NIPPLE: 2-3/8" (1.10')
SN LANDED AT: 5460.2' KB
NO. OF JOINTS: 1 jts (30.1')
TOTAL STRING LENGTH: EOT @ 5491'

SUCKER RODS

POLISHED ROD: 1-1/4" x 16' SM

SUCKER RODS: 2-4' x $\frac{1}{2}$ " pony rods, 1-4' x $\frac{1}{2}$ " pony rod, 1-6' x $\frac{1}{2}$ " pony rod, $85-\frac{1}{2}$ " guided rods (4 per), $87-\frac{1}{2}$ " sucker rods, $41-\frac{1}{2}$ " guided rods (4 per), $4-1\frac{1}{2}$ " weight bars

PUMP SIZE: 2" x 1-1/4" x 12' x 16' RHAC

STROKE LENGTH: 56" PUMP SPEED, SPM: 3

PERFORATION RECORD

4534'-4548' 2 JSPF 28 holes 4645'-4652' 2 JSPF 14 holes 4893'-4904' 2 JSPF 22 holes 5460'-5477' 2 JSPF 34 holes

NEWFIELD

Castle Peak #24-15-9-16 659' FSL & 1980' FWL SESW Section 15-T9S-R16E Duchesne Co, Utah API #43-013-30631; Lease #U-74805

1553 East Highway 40 Vernal, UT 84078





Water Analysis Report

Production Company:

NEWFIELD PRODUCTION

Well Name:

SWDIF

Sample Point:

After production filter

Sample Date: Sample ID:

12/9/2011

WA-204150

Sales Rep: Darren Betts

Lab Tech: Gary Peterson

Scaling potential predicted using ScaleSoftPitzer from

Brine Chemistry Consortium (Rice University)

Sample Specit	fics	Analysis @ Properties in Sample Specifics								
Test Date:	12/9/2011	Cations	mg/L	Anions	mg/L					
System Temperature 1 (°F):	300.00	Sodium (Na):	6799.09	Chloride (CI):	10000.00					
System Pressure 1 (psig):	3000.00	Potassium (K):	26.10	Sulfate (SO4):	2.00					
System Temperature 2 (°F):	70.00	Magnesium (Mg):	9.40	Bicarbonate (HCO3):	1024.80					
System Pressure 2 (psig):	14.70	Calcium (Ca):	26.80	Carbonate (CO3):	0.00					
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00					
pH:	8.20	Barium (Ba):	24.20	Propionic Acid (C2H5COO)	0.00					
Calculated TDS (mg/L):	17913.62	Iron (Fe):	0.47	Butanoic Acid (C3H7COO)	0.00					
CO2 in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00					
Dissolved CO2 (mg/L)):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00					
H ₂ S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00					
H2S in Water (mg/L):	10.00	Manganese (Mn):	0.06	Silica (SiO2):	0.00					

Notes:

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Carbonate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

			hydrate 4~0.5H2 O	Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

Ethics

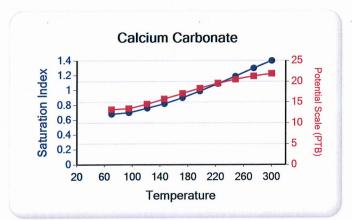
1553 East Highway 40

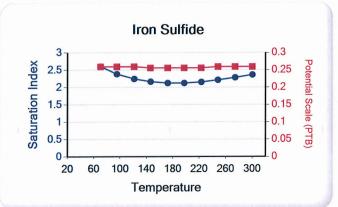
Vernal, UT 84078

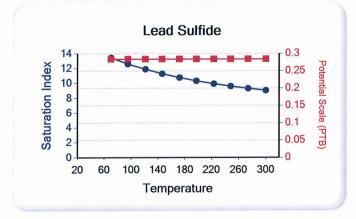


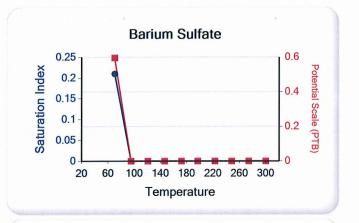


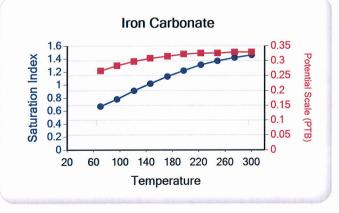
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Lead Sulfide











Ethics

1553 East Highway 40 Vernal, UT 84078





A HALLIBURTON SERVICE

Units of Measurement: Standard

Water Analysis Report

Production Company:

NEWFIELD PRODUCTION

Well Name:

FEDERAL 13-15-9-16

Sales Rep: Darren Betts

Sample Point:

Sample Date:

Lab Tech: Gary Peterson

Sample ID:

4/11/2012 WA-211344 Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specif	ics	Analysis @ Properties in Sample Specifics									
Test Date:	4/25/2012	Cations	mg/L	Anions	mg/L						
System Temperature 1 (°F):	300.00	Sodium (Na):	7195.75	Chloride (CI):	9800.00						
System Pressure 1 (psig):	3000.0000	Potassium (K):	44.00	Sulfate (SO4):	635.00						
System Temperature 2 (°F):	70.00	Magnesium (Mg):	10.40	Bicarbonate (HCO3):	1586.00						
System Pressure 2 (psig):	14.7000	Calcium (Ca):	12.60	Carbonate (CO3):	0.00						
Calculated Density (g/ml):	1.01	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00						
pH:	9.20	Barium (Ba):	0.60	Propionic Acid (C2H5COO)	0.00						
Calculated TDS (mg/L):	19284.90	Iron (Fe):	0.50	Butanoic Acid (C3H7COO)	0.00						
CO2 in Gas (%):	0.00	Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	0.00						
Dissolved CO2 (mg/L)):	0.00	Lead (Pb):	0.00	Fluoride (F):	0.00						
H ₂ S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00						
H2S in Water (mg/L):	10.00	Manganese (Mn):	0.02	Silica (SiO2):	0.00						

Notes:

(PTB = Pounds per Thousand Barrels)

												(PID-	· Pourius p	ei iiioi	usanu bai	ieis)	
	Calcium Carbonate			Bariur	Barium Sulfate		Iron Sulfide		ron bonate		psum 4·2H2O		lestite SO4	Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	РТВ	SI	PTB	SI	PTB	SI	РТВ	SI	PTB
70.00	14.00	1.33	10.48	1.05	0.33	3.57	0.28	1.64	0.35	0.00	0.00	0.00	0.00	0.00	0.00	10.67	0.01
95.00	346.00	1.36	10.52	0.80	0.30	3.34	0.28	1.75	0.36	0.00	0.00	0.00	0.00	0.00	0.00	10.13	0.01
121.00	678.00	1.40	10.56	0.62	0.27	3.18	0.28	1.86	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.68	0.01
146.00	1009.00	1.44	10.61	0.47	0.23	3.07	0.28	1.95	0.36	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.01
172.00	1341.00	1.50	10.66	0.36	0.20	3.01	0.28	2.03	0.36	0.00	0.00	0.00	0.00	0.00	0.00	8.97	0.01
197.00	1673.00	1.56	10.70	0.28	0.17	2.97	0.28	2.10	0.36	0.00	0.00	0.00	0.00	0.00	0.00	8.68	0.01
223.00	2004.00	1.62	10.75	0.23	0.15	2.96	0.28	2.15	0.36	0.00	0.00	0.00	0.00	0.00	0.00	8.42	0.01
248.00	2336.00	1.69	10.79	0.20	0.13	2.97	0.28	2.18	0.36	0.00	0.00	0.00	0.00	0.00	0.00	8.19	0.01
274.00	2668.00	1.75	10.82	0.19	0.13	2.98	0.28	2.19	0.36	0.00	0.00	0.00	0.00	0.00	0.00	7.97	0.01
300.00	3000.00	1.80	10.84	0.19	0.13	3.00	0.28	2.17	0.36	0.00	0.00	0.00	0.00	0.00	0.00	7.75	0.01
Hemihydrate CaSO4~0.5H2 O			iydrate aSO4		ilcium uoride		Zinc bonate		ead ulfide		Mg licate	THE RESERVE OF THE PARTY OF THE	a Mg licate	CONTRACTOR OF THE PARTY OF THE	Fe icate		
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CaSO4~0.5H2		CaSO4		Fluoride		Carbonate		Sulfide		Silicate		Silicate		Silicate			
Temp (°F)	PSI	SI	РТВ	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	РТВ	SI	PTB	SI	РТВ
70.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	346.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.00	678.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.00	1009.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.00	1341.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197.00	1673.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223.00	2004.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248.00	2336.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274.00	2668.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Page 1 of 3

1553 East Highway 40 Vernal, UT 84078

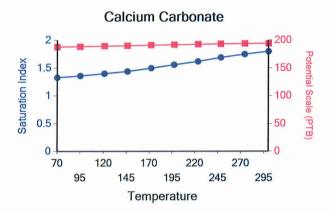


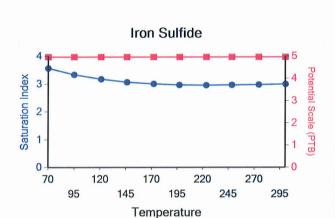


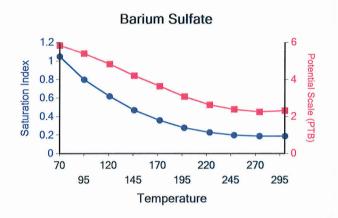
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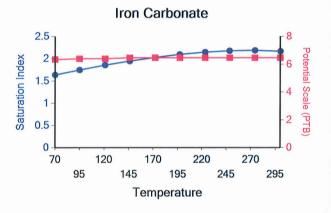
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide

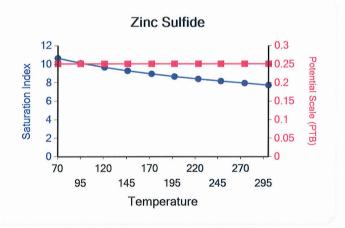
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate









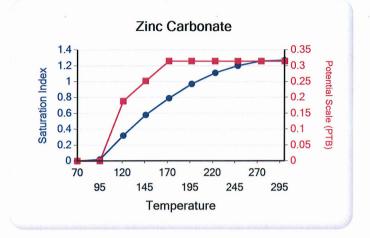


Ethics

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

ATTACHMENT F multi-chem 5085





Ethics

Attachment "G"

Federal #13-15-9-16 Proposed Maximum Injection Pressure

	Interval eet)	Avg. Depth	ISIP	Calculated Frac Gradient	
Top	Bottom	(feet)	(psi)	(psi/ft)	Pmax
5732	5743	5738	1980	0.78	1943
5467	5481	5474	1690	0.74	1654 ←
4829	4809	4819	1810	0.81	1779
4610	4617	4614	1990	0.86	1960
4040	4048	4044	1723	0.86	1697
				Minimum	1654

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



10410

WELL	NAME:	Jonan 13-	15-9-16	Report Date:	: 6-	-14-07			Day: 01
Ope	ration:	Completion				Rig:	Rig	jless	
			WE	LL STATUS					
Surf Csg:	8-5/8 @	323'	Prod (@	5957'	Csg	PBTD:	5870'WL
Tbg:	Size:	Wt:	Grd:	Pkr/E	от @: _		BP/Sand	PBTD:	
			PERFOR	RATION RECOR	D				
<u>Zone</u>		<u>Perfs</u>	SPF/#shots		one		<u>Perfs</u>		SPF/#shots
	000m	***************************************		AMERICAN CONTROL OF THE PROPERTY OF THE PROPER		***************************************		_	
**************************************		***************************************	***************************************	***************************************	<u></u>				***************************************
······································	***************************************	***************************************	***************************************	MANAGEMENT CONTROL CON	***************************************	***************************************		•••	***************************************
				#0000000 mmmmmmmmmmmmmmmmmmmmmmmmmmmmmm				-	
CP5 sds	5732	-5743'	4/36	***************************************		***************************************			
D - (- 14()	. D (GICAL OPERAT	<u>rions</u>	0170		0100	
Date Work	(Performed	: June 1	13, 2007			SITP:		SICP:	0
			meron BOP. RU						
casing valv	es to 4500 p	si. RU Perfor	ators LLC WLT w	/ mast & run CBl	L under	pressure.	WLTD @ 5	5870' 8	k cement top
	rforate stage bbls EWTR.		@ 6058-67' w/ 3	-1/8" Slick Guns	(19 gra	ım, .49"HE	. 120) w/ 4	a spt to	or total of 36
Starting flu	id load to be	recovered:		ECOVERY (BBL	_				
•	ecovered tod	***************************************	***************************************	il lost/recovered t	*****			-	
_	d to be recov FFL:	A		um oil recovered:		IIII Datas	······································		
IFL:			***************************************	oke:	. Finai i	Fluid Rate:		Final	on cut:
		STIMULATIO				307	COST	<u>s</u>	07.10
Base Fluid Company:	usea:	J	lob Type:			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	erford BOP C NU crew	• .	\$540 \$300
	or Equipment	t datail:				***************************************	SI trucking	• .	\$1,200
riocedule	or Equipment	uetan.					rators LLC		\$5,875
						***************************************	Orilling cost		\$283,166
····				***************************************		***************************************	ate Hot Oil		\$420
	***************************************	##d*##################################					preparation		\$300
NAME OF TAXABLE PARTY.						······································	C wellhead		\$1,500
Aggree of the Control						······································	o - anchors	. ,	\$1,200
	······································	***************************************				·····	Overhead		\$3,000
	·					***************************************	Supervisor		\$3,000
Max TP:	Max I	Rate:	Total fluid pm	od:		141 0	-apor 11301		Ψουυ
			Total Prop pm					· -	
ISIP:		min:	10 min:	FG:		DAILY C	OST:	- *	\$297,801
Comple	tion Cunom.	icor: Po	n Chuck		-	COTAL MAR	II COST.		¢207 904



ATTACHMENT Gel

20/10

<u>WELL NAME:</u>	Jonah 13-15	5-9-16	R	eport Date: _	June 20, 200			Day:2a_
Operation:	Completion		***************************************		Rig	j: <u>Rigl</u> e	ess	
			WELL S	TATUS				=
Surf Csg: 8-5/8 @	323'	P	rod Csg:		@5957'	Csg P	BTD:	5870'WL
Tbg: Size:	Wt:	Gr	d:	Pkr/EO	т @:	BP/Sand P	BTD:	
		PEF	RFORATION	ON RECORD				
<u>Zone</u>	<u>Perfs</u>	SPF/#sh		Zon		<u>Perfs</u>		SPF/#shots
300		<u> </u>	**************************************	***************************************				
		200020000000000000000000000000000000000				·	,	
		***************************************		220000000000000000000000000000000000000			,	
CDE ada 5722	5743'	4/36		***************************************				······································
<u>CP5 sds</u> <u>5732-</u>	-5/43			AL ODEDATION	ONC			
Date Work Performed	: June 19		<u>OLOGICA</u>	AL OPERATION		P: S	ICP:	37
Day 2a. Stage #1, Cl		, 2001			Offi		,,,,,	
3007 psi. Treated w/ a Stage #2. ISIP 1980 ps	ave pressure or si. Leave press	ure on well	<i>g</i> ave rat . 406 BW	TR. See Day	vi. Pumped 5 v 2b.	04 gais or 15%	o noi	. III IIUSII IO
Otastia a fluid land to be		<u>FLU</u> 140		VERY (BBLS	4			
Starting fluid load to be Fluid lost/recovered tod	***************************************			•	day:			
Ending fluid to be recov	ered: <u>54</u>	***************************************	Cum o	il recovered:	2000000			
IFL: FFL:	FT	P:	Choke: _	A CONTRACTOR OF THE CONTRACTOR	Final Fluid Rat	:e:F	Final c	oil cut:
	STIMULATION					COSTS	<u> </u>	000 405
		b Type:	Sand	I trac		Services-CP5 wtr & trucking		\$22,135 \$1,000
744-4/2-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4		CI	25 sands		CD	NPC fuel gas	•	\$125
Procedure or Equipmen 420 gals to break	••••••		<u> 3 Sands</u>	and the second s	Weather	ord tools/serv		\$1,955
3200 gals of pad	down a ger cros	SOIITIN.			***************************************	Perforators, llc	•	\$2,742
2500 gals W/ 1-5	nng of 20/40 sa	and	·····		***************************************	C supervision	•	\$60
5291 gals W/ 5-8					***************************************		•	
Flush W/ 504 gals					·		•	
Flush W/ 5145 ga					***************************************		•	
				······································	280000000000000000000000000000000000000		•	
Flush called @ b	lenderincludes	s 2 bbls pur	mp/line vo	lume				
Max TP: 1965 Max	Rate: 24.8 BPI	VI_Total flui	d pmpd: _	406 bbls	***************************************			
Avg TP: 1700 Avg I		-	op pmpd: _		·····		,	400.01=
ISIP: 1980 5	min:	10 min: n Dulen		FG: <u>.78</u>		COST: WELL COST:		\$28,017 \$325,818
Completion Silvery	usor: Uni	u Duien			IUIAL	** \\		ΨUZU,U10



30410

WELL NAME:	Jonah 13-	15-9-16	Re	port Date:	June	20, 2007			Day:	2b
Operation	: Completion					Rig:	Rig	gless		
			WELL ST	ATUS						
Surf Csg: 8-5/8			rod Csg:	5-1/2"			Csg	PBTD:	5870	'WL
Tbg: Size:	Wt:	Gr	d:	Pkr/E	OT @: _	***************************************	BP/Sand		***************************************	
		ĐE	RFORATIO	N RECOR	n		В	P @ 55	80'	·····
Zone	<u>Perfs</u>	SPF/#sh			ne ne		Perfs		SPF/#s	shots
>>> >>>>	***************************************	***************************************	20000000000000	***************************************		*******************************				
	C	W-100-00-00-00-00-00-00-00-00-00-00-00-00	and delivery manager		***************************************	***************************************		idea :		
			***************************************	•••••		***************************************	·····			
CP1 sds	5467-5481'	4/56	***************************************							
CP5 sds	5732-5743'	4/36	*************	***************************************						
		CHRON	OLOGICAL	OPERAT	IONS					
Date Work Perfe	ormed: June	19, 2007				SITP:		SICP:	130	13
day 2b. Stage #2,	CP1 sds									
RU Perforators WI 5580'. Perforate C	.T, crane & lubricator. :P1 sds @ 5467-81' w	RIH w/ Weatl / 3-1/8" Slick (nerford 5-1/2 Buns (19 ara	" 5K compo am. 49" HE	site flow	<i>i</i> through fra 21.92" pen.	ıc plug, 14' _l EXP-3319-3	oerf gun 331 Titar	. Set p າ) w/ 4 :	lug @
total of 56 shots. I	RU BJ Services. 1457 1303 psi on well. Frac	'psi on well. I	Perfs would i	not break do	own. Rl	J Perforator	s WLT. Dur	mp bail :	acid on	perfs
Treated w/ ave pre	essure of 1294 psi @ a	ave rate of 23.3	3 BPM. Pun	20/40 Sand nped 504 ga	als of 15	5% HCL in fl	ush for Stag	i. bioke je #3. l	SIP 169	or psi 30 psi
Leave pressure on	well. 432 BWTR. Se	e Day 2c.								
		FLUI	D RECOVE	RY (BBL	S)					
Starting fluid load	to be recovered:	546		oil rec to d	oto:					
Fluid lost/recover		32			oday:			***		
Ending fluid to be	200000000000000000000000000000000000000	78 TP:		recovered:		Eluid Pato:		 Final o	il out	
II L .		***************************************	CHOKE.		ı ıııaı ı					
Dana Eluid wasda	STIMULATIC		Cand 6			D I Co	COST		#40	740
Base Fluid used: Company:		Job Type:	Sand f	rac		·····	rvices-CP5 & trucking		***********	,710 ,200
Procedure or Equ		CB	1 sands		••••		IPC fuel gas		***************************************	, <u>200</u> 3150
3800 gals o	·	<u> </u>	i Sanus				tools/serv			,955
	V/ 1-5 ppg of 20/40 :	aand			<u></u>		forators, llc			
***************************************		······································	·····	······					********************	,489
***************************************	V/ 5-8 ppg of 20/40				******	NPC :	supervision	<u> </u>		\$60
	V/ 8 ppg of 20/40 sa								······································	
	04 gals of 15% HCL				****	***************************************				***************************************
Flush W/ 48	372 gals of slick wat	er			*****			···		
		Partitale immonibiat communicación al consel·titude i monomo en	m/annaenianieneaeaaaaaanaanaanaanaanaan	***************************************	******			- -		
······	ed @ blenderinclud				*******					
***************************************	Max Rate: 24.8 BI	***************************************		132 bbls	******				······································	
Avg TP: 1294 ISIP: 1690	Avg Rate: 23.3 BI			0,251#'s FG: .74	******	DAILY C)ST.		¢17	<u> </u>
Completion S	5 min:	10 min: on Dulen	**************************************	rG/4	٦		LL COST:		\$343	382
combiguou a	aherasor. De	on Duicii				OIAL WE	.LE CU31:		ψ040,	JOZ



40\$10

WELL N	IAME:		Jonah 1	3-15-9-16		Report	Date:	June	20, 2007	,		Day:	2c
Ope	ration:	***************************************	Completio)n					Rig:	Rig	less	***************************************	
					WELL	STATU	<u>s</u>						
Surf Csg:	8-5/8	@	323'	_	Prod Csg	g: <u>5-1</u> ,	/2"	@ _	5957'	. –	PBTD:	5870	'WL
Tbg:	Size:		Wt		Grd:		Pkr/EC	OT @:		BP/Sand			
				D	ERFORA	TION RE	CORE	1		BP @	4950',	5580'	
Zone			Perfs	<u>-</u> 		HOIV INC	Zor	_		Perfs		SPF/#	shots
=0.1.0				200000000000000000000000000000000000000					**************************************		_		
B.5 sds		1002	-4809'	4/24				***************************************	deconstruction and the second and th				
B1 sds			-4834'	4/20		*					~~	***************************************	
CP1 sds	H		-5481'	4/56		-					_		
CP5 sds		5732	-5743'	4/36		-			***************************************				
				CHRO	ONOLOGI	CAL OP	ERATI	ONS					
Date Work	Perfo	rmed	: Jur	ie 19, 2007					SITP:		SICP:	88	4
@ 4950'. Po 331 Titan) wo of Lightning	erforate // 4 spf f 17 fluid	B1 so for tota l. Bro	ds @ 4829-3 al of 44 shots ke @ 4000 i	or. RIH w/ We 4' & B.5 sds @ s. RU BJ Serv osi. Treated w psi. Leave pres) 4803-09' v ices. 884 p v/ ave press	w/ 3-1/8' S osi on well sure of 18	Slick Gu I. Frac 01 psi	ıns (19 B1 & E @ ave	9 gram, .49" 3.5 sds w/ 14 rate of 23.4	HE, 120,21 ,309#'s of 20	1.92" pe 0/40 sai	n, EXP nd in 24	-3319 48 bbls
				F1	UID REC	OVERY	(BBL S						
Starting flu	id load	to be	recovered:	978		ting oil re							
Fluid lost/re				248	Oil I	ost/recov	ered to	oday: ຼັ			_		
Ending flui				1226		oil reco			Fluid Data	······································			
IFL:		FFL:		FTP:);		Finai	Fluid Rate:			oil cut:	
				TION DETAIL	_				D. C	COST		Φ.	4 000
Base Fluid	•	······································		_ Job Type:	Sa	nd frac		-		es-B.5 & B1		·····	4,336 \$400
Company:	***************************************	······································	rvices		E 0 D4								
Procedure 74.4				<u>B.</u>	<u>5 & B1 sa</u>	inas	•	···	 Weatherfor	NPC fuel gas		Φ.	\$50 1,955
	gals of		SSIINK	····	······································			-		forators, Ilc		···	2,742
***************************************	gals of		ppg of 20/4	10 cand			***************************************			supervision	***	ΨΖ	\$60
***************************************		***************************************	5.5 ppg of 2072 5.5 ppg of 20							<u> </u>	<u>.</u>		
***************************************			s of 15% H		**************************************	***************************************		-				······································	
			als of slick v			**************************************		-	,	·			······
Tiusi	1 7 7 7 2	. <u> </u>	als of silon v	vatei				••					
** F]	sh calle	d መ i	olenderinc	ludes 2 bbis p	oump/line v	volume**		544					
a				BPM Total f				***	***************************************			***************************************	
	***************************************			BPM Total I				•					
_	1810	_	5 min:	 10 min:		FG:		_	DAILY C	OST:		\$9	9,543
Comple	tion S	uper	visor:	Don Dulen					TOTAL W	ELL COST	:	\$352	2,925



5 of 10

WELL NAME: Jonah 13-15-9-16	R	Report Date:	Jun	e 20, 2007		Day: _2d				
Ope	ration:		Completio	n				Rig:	Rigles	<u> </u>
					WELL S	STATUS		_		
Surf Csg:	8-5/8	@	323'			5-1/2"	@	5957'	Csg PB	TD: 5870'WL
Tbg:	Size:				Grd:	Pkr/E	Эт @:		BP/Sand PB	
				_		011 DE00D	_		BP @ 4720	, 4950', 5580'
_			Donfo			ON RECORI			<u>Perfs</u>	SPF/#shots
<u>Zone</u>			<u>Perfs</u>	SPF/#	snots	<u>Zo</u>	<u>ne</u>		Pens	SFF/#SIIOLS
D1 sds		4610	-4617'	4/28		D-100	•••••	accasasaccacionococasaccidad	BC-04-04-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	
B.5 sds			-4809'	4/24						***************************************
B1 sds	·····	4829	-4834'	4/20						
CP1 sds		5467	'-5481'	4/56				»	······································	
CP5 sds		5732	2-5743'	4/36	······		**************************************	***************************************		
				CHR	ONOLOGIC	AL OPERAT	IONS			
Date Worl	k Perfo	rmed	d: <u>Jun</u>	e 19, 2007				SITP:	SI	CP: <u>1450</u>
4720'. Peri total of 28 s Services. 1 w/ ave pres	tors WL forate D hots. R I450 psi ssure of	T, cra 1 sds U BJ on w 2056	ane & lubricate @ 4610-17' Services, 15	w/ 3-1/8" Slick 90 psi on well. sds w/ 25,018 ite of 21.8 BP	Guns (19 g Perfs would "s of 20/40 s	ıram, .49" HE, I not break. R sand in 338 bt	, 120 , U Perf ols of I	21.92" pen, orators WLT. jahtning 17 f	EXP-3319-331 Dump bail acid Juid. Broke @ 2	gun. Set plug @ Titan) w/ 4 spf fo d on perfs. RU B. 2755 psi. Treated ⊇ 1990 psi. Leave
				_		VERY (BBL				
_			recovered:	1226		ng oil rec to d				
Fluid lost/r				338 1564		st/recovered t				
			vered:			oil recovered:		l Fluid Rate:	Fi	nal oil cut:
				ION DETAIL	-			DIC	COSTS	C 405
	-	***************************************	htning 17	Job Type:	Sand	d frac	,		Services-D1	\$6,495 \$640
Company:			ervices	•				***************************************	r & trucking	
Proce <u>dure</u>		***************************************	erent mercen men julius trout trout trout commercian succession su		D1 sands			x	NPC fuel gas	\$80
840	gals of	to cro	osslink				i		d tools/serv	\$1,955
2500	gals o	f pad		••••				Pe	forators, Ilc	<u>\$1,745</u>
1915	gals V	<i>II</i> 1-4	1 ppg of 20/4	0 sand			,	NPC	supervision	\$60
4426	gals W	// 4-6	6.5 ppg of 20	/40 sand						Name
Flus	h W/ 50	4 ga	ls of 15% H0	CL acid						
Flus	h W/ 40	111 g	als of slick w	/ater						
	***************************************						•			
Flu	sh calle	-d	blenderincl	udes 2 bbls p	oump/line vo	lume	•	***************************************		
				BPM Total f		338 bbls	•			
				BPM Total F	-	25,018	•	······································	,	<u></u>
_	: 1990	_	5 min:	10 min:	-	FG: .87		DAILY C	OST:	\$10,975
	etion S	uner	visor:	Don Dulen			-	TOTAL W	ELL COST:	\$363.900



Jonah 13-15-9-16

ATTACHMENT G-1

6 of 10

Day: 2e

DAILY COMPLETION REPORT

Report Date: June 20, 2007

Оре	eration		Completio	ſ l				Kig.	Rigiess	·····
					WELL S	TATUS				
Surf Csg:	8-5/8	@	323'	1	Prod Csg:		@	5957'	Csg PBTD:	5870'WL
Tbg:	Size:		Wt:		rd:		от @: <u>]</u>		BP/Sand PBTD:	
									BP @ 4720, 49	50', 5580'
_			D (-	RFORATIO				Perfs_	SPF/#shots
Zone GB4 sds		4040-4	Perfs 4048'	<u>SPF/#sł</u> 4/32	iots	2	<u>one</u>		<u>rens</u>	3FF/#SHUIS
D1 sds		4610-		4/28		***************************************		(
B.5 sds		4803-	4809'	4/24	***************************************	***************************************		***************************************		
B1 sds		4829-		4/20				ACM AND ADDRESS OF THE PARTY OF		
CP1 sds	***************************************	5467-5 5732-		4/56 4/36	TRECOMPRESSION AND ADDRESS OF THE PERSON ADDRESS OF	·····	·····	200000000000000000000000000000000000000		
CP5 sds		5/32-	3/43				TIONO	***************************************		
					NOLOGICA	L OPERA	HONS	oiro.	OICD.	•
Date Wor	k Perfo	rmed:	June	e 19, 2007				SIIP:	SICP:	0
total of 32 s Broke @ 38	shots. 1 808 psi.	RU BJ Treate	Services. 18 ed w/ ave pr	564 psi on well.	. Frac GB4 psi @ ave i	sds w/ 28,9 rate of 24.7	952#'s of BPM. I	[:] 20/40 sand SIP 1615 psi	EXP-3319-331 Tita in 294 bbls of Ligh . Open well to pit	itning 17 fluic
Starting flu	uid load	to be i	recovered:	<u>FLU</u> 1226	JID RECOV	/ERY (BBI				
Fluid <u>lost</u> /r			-	94		/recovered				
Ending flui			ered:	1320 FTP:		I recovered	-	Fluid Rate:	Final	oil cut:
IFL:		300				······································	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	- I Iulu Ivate.		
•	_	•		ION DETAIL		_			COSTS	40.4.400
Base Fluid				Job Type:	Sand	frac			rvices-GB4	\$24,162
Company:		3J Ser	vices				_		& trucking	\$760
Proce <u>dure</u>	or Equ	ipment	detail:	<u>G</u>	B4 sands				IPC fuel gas	\$95
462	gals of	to cros	sslink				·····	Weatherford	d tools/serv	\$1,955
2400	gals o	f pad			***************************************	······································		Per	forators, IIc	\$1,994
<u> 1875</u>	gals V	V/ 1-5	ppg of 20/4	0 sand				NPC :	supervision	\$60
3663	3 gals V	V/ 5-8	ppg of 20/4	0 sand				UniChem	chemicals	\$400
Flus	h W/ 39	948 ga	ls of slick w	ater				Monk's	pit reclaim	\$1,800
***************************************								NPC sur	face equip.	\$130,000
	······································	······································					****	NDSI wat	er disposal	\$3,000
······································	······································						MMIN 187	Boren C	onstruction	\$19,500
Max TP	: 2008	Max F	Rate: 24.9	BPM Total flu	ıid pmpd:	294 bbls			on cleanup	\$300
			***************************************	BPM Total Pr	-	28,952	·····	Mt. Wes	t Sanitation	\$300
_	: 1690	_	min:	10 min:		FG: <u>.83</u>	- **	DAILY C	OST:	\$184,326
Comple	etion S	uperv	isor:	Don Dulen				TOTAL WE	LL COST:	\$548,226



70f10

Day: 3

DAILY COMPLETION REPORT

Report Date: June 21, 2007

WELL N	IAME: Jon	ah 13-15-9-16	Repo	rt Date: _	June 21,	2007		Day:3
Ope	ration: <u>Com</u> p	letion				Rig: V	Vestern #2	***************************************
			WELL STAT	rus				
Surf Csg:	8-5/8 @ 32	3'	Prod Csg: 5	-1/2"		······································	Csg PBTD:	5870'WL
Tbg:	Size: 2 7/8"	Wt: 6.5#	_ Grd:J-55	Pkr <u>/EO</u>	<u>T</u> @:41		and PBTD:	
			PERFORATION I	PECOBD		ВР	@ 4720, 495	50', 5580'
Zone	<u>Perfs</u>	SPF	#shots	Zon		<u>Perfs</u>		SPF/#shots
GB4 sds	4040-4048'	<u>4/32</u>		=31.				
D1 sds	4610-4617'	4/28						
B.5 sds	4803-4809'	4/24						
B1 sds	4829-4834'	4/20				220,200		· · · · · · · · · · · · · · · · · · ·
CP1 sds	5467-5481'	4/56				>>>		
CP5 sds	5732-5743'	<u>4/36</u>				>*************************************		
			RONOLOGICAL C	PERATI	<u>ONS</u>		2.22	
Date Work	Rerformed:	June 20, 2007				SITP:	SICP:	50
	bridge plug @ 415 4183'. Est 1300 B		in 22 minutes. C	irc hole c	lean VV/ no	ofluid loss. H	ang back s	wivei, Sifn
			FLUID RECOVER	Y (BBLS)			
Starting flu	id load to be recove	red: 1320	Starting oi		***************************************		*****	
	<u>ecovered</u> today:	20	Oil lost/red		day:	***************************************		
•	d to be recovered: _ FFL:	1300 FTP:	_ Cum oil red Choke:	covered:	Final Fluid	l Pato	Final o	ail cut:
IFL:	······································					When the plant the transfer of		
		JLATION DETA					OSTS	#0 47 5
Base Fluid	used:	Job Type			***************************************	Western # Weatherford		\$3,475 \$250
Company:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			3000000000 ⁰	······································	<u></u>	
Proce <u>dure</u>	or Equipment detail	•				NDSI truc		\$600
			·····			Liddell trud		\$600
						NPC truc	king	\$600
,						NDSI wtr & t	truck	\$400
					***************************************	Nabors s	<u>wivel</u>	\$750
						CE	NTA_	\$525
						CD	I SN	\$80
						NPC superv	ision	\$300
	May Data:	Tata	l fluid pmpd:					
Max TP:			i fiuid piripa: I Prop pmpd:	-				
Avg TP: ISIP:						AILY COST:		\$7,580
	etion Supervisor:	Gary Diet				AL WELL CO	OST:	\$555,806
Compi	oapoi 110011 _	,						



8 0 5 10

WELL N	IAME: Jor	nah 13-15-9-16		Repor	t Date:	June	22, 2007		Day: 4
Ope	ration: <u>Com</u> p	oletion					Rig:	Western	#2
			WELL	STATI	JS_	-			- ··
Surf Csg:	8-5/8' @ 32	3'	Prod Csg	: 5-	1/2"	@	5957'	Csg PBTI	D: 5912'
Tbg:	Size: 2 7/8"	Wt: 6.5#	_	J-55	Pkr <u>/EC</u>		5833'	BP/Sand PBT	
			PERFORAT	ΓΙΟΝ R	ECORE)			
<u>Zone</u>	<u>Perfs</u>	SPF	/#shots		Zor	_		<u>Perfs</u>	SPF/#shots
GB4 sds	4040-4048'	4/3	2						
D1 sds	4610-4617'	4/2	8					-	
B.5 sds	4803-4809'	4/2				••••	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
B1 sds	4829-4834'	4/20	····						
CP1 sds	5467-5481'	4/50					,	***************************************	
CP5 sds	5732-5743'	4/30	5				w		
D-4-34/- 1		·	RONOLOGIO	CAL OF	PERATI	ONS			
Date Work	Performed:	June 21, 2007	·····				SITP:	25 SICF	P: <u>25</u>
Starting flui	b runs rec 146 BTF \ id load to be recove		FLUID RECO	OVERY) ite:	St 1209 BVV	IK.	
_	to be recovered: _	1269	ecouse	oil reco		·			
IFL:	FFL:	FTP:	Choke:			Final I	Fluid Rate:	Fina	l oil cut:
		JLATION DETA						<u>COSTS</u>	
Base Fluid	used:	Job Type): 				······································	stern #2 rig	\$5,862
Company:							Weath	erford BOP	\$250
Procedure of	or Equipment detail:		·····	***************************************			Na	bors swivel	\$750
*C=\\W							H 8	H trucking	\$350
***************************************					***************************************		NPC :	supervision	\$300

Max TP:	Max Rate:	Tota Tota							
ISIP:	Avg Nate 5 min:		: -10p pilipu. :	FG:		201000000	DAILY C)ST.	\$7,512
	tion Supervisor:	Gary Diet				7		LL COST:	\$563,318



9 of 10

DAILY COMPLETION REPORT

WELL I	NAME:	Jon	ah 13-1	5-9-16		Rep	ort Date:	Jun	e 23, 2007	_		Day: 5
Оре	ration:	Comp	letion						Rig:	Wes	stern #2	2
					W	ELL STA	TUS		_			
Surf Csg:	8-5/8	@ 32:	3'		Prod		5-1/2"	@	5957'	Csg	PBTD:	5912'
Tbg:	Size:	2 7/8"	Wt:	6.5#	_Grd: _	J-55	Anch	or @:	5696'	BP/Sand	I PBTD:	5912'
					PFRFO	RATION	RECOR	:D				
Zone		<u>Perfs</u>			#shots			one		<u>Perfs</u>		SPF/#shots
GB4 sds	40)40- 4048 '		4/32			<u> </u>					-
D1 sds		10-4617'	***************************************	4/28			***************************************	***************************************	***************************************			
B.5 sds		303-4809'		4/24			***************************************		***************************************	······································		
B1 sds	,,,,,	329-4834'	******************	4/20			***************************************	······································				
CP1 sds		67-5481'		4/56			***************************************					
CP5 sds		32-5743'		4/36			BARTILLO DE CONTROL		sousceenensconces	**************************************	*******	- thirt
	MANAGEMENT			CHR	ONOLO	OGICAL	OPERAT	<u> </u>	***************************************	_		
Date Worl	k Perforn	ned:	June 2	2, 2007					SITP:	125	SICP:	150
Rload we	all off Re	oc est 15 R	TF \/// t	r oilsta	 vs flowii	na RU	& numn 1	15 BW	dn tha TII	HW/tba.	Tag sd	
new fill)	:/() sd to	PRTD @ !	5912' C	irc hole	clean₩	// no fluid	Lloss. Li	D exce	ss tba. TO	H W/ tba	LD bit.	TIH W/ BHA
& producti	on the as	follows: 2	7/8 NC	2 its the	SN. 1	it tba. ne	ew CDI 5	5 1/2" T	A (45K) &	182 its 2 7/	'8 8rd 6	.5# J-55 tbg
ND BOP	Set TA (75696' W	/SN @	5730' &	FOT @	5792'.	Land the	w/ 16	6.000# tens	ion. NU w	ellhead	. PU & TIF
W/ numn a	8 "A" bae	"B" grade	rod strin	na to 320	00' PU	polished	rod & SI	FN. E	st 1254 BW	/TR.		
		J		•		•						
				F	LUID R	ECOVE	RY (BBL	<u>.S)</u>				
Starting flu	iid load to	be recove	red:	1269		Starting o	il rec to	date:			*****	
Fluid lost/r	ecovered	today:	1	5	··· (Dil lost/re	covered	today:				
Ending flui	d to be re	covered:	12	54		Cum oil r	ecovered					
IFL:	F	FL:	F1	TP:	Ch	oke:		Final	Fluid Rate:		Final o	oil cut:
	TUBING	DETAIL			ROL	DETAI				cos		
									W	estern #2 ri	<u>g</u>	\$4,880
<u></u>									Weath	nerford BO	<u>P</u>	\$250
				***************************************					N	PC truckin	g	\$300
				***************************************					NPC	supervisio	n	\$300
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									DAILY (· OST	COMMONON.	\$5,730
0	otion C	ondoe:	0-	m, Diat						ELL COST		\$569,048
Comple	etion Sup	JEI VISOF.	G	ary Dietz	_				I O I AL VV		•	Ψυυσ,υ40



10 of 10

W	ELL NAME	<u>:</u> Jo	nah 13-15-	9-16	Repo	rt Date:	June	26, 2007			Day:	6
	Operation: Completion						Rig:	Wes	tern #2			
				W	ELL STAT	US_						
Surf	Csg: 8-5/	8' @ 3:	23'	Prod	Csg: 5	1/2"	@	5957'	Csg	PBTD:	<u>591</u>	2'
Tbg:	Size	e: 2 7/8"	Wt: 6	6.5# Grd:	J-55	_ Ancho	or @: _	5696'	BP/Sand	PBTD:	591	2'
				PERFO	RATION F	RECORE	<u> </u>					
<u>Z</u>	<u>one</u>	<u>Perfs</u>	-	SPF/#shots		Zoi	<u>ne</u>		<u>Perfs</u>		<u>SPF/#s</u>	shots
GB4		4040-4048		4/32					· · · · · · · · · · · · · · · · · · ·			
<u>D1 s</u>		4610-4617		4/28				***************************************				
B.5 s	***************************************	4803-4809 4829-4834	***************************************	4/24 4/20		***************************************					······	
CP1		5467-5481		4/56				**************************************			······································	·
CP5		5732-5743		4/36								
	***************************************	<u></u>		CHRONOL	OGICAL O	PERAT	IONS					
Date	Work Perl	formed:	June 25,					SITP:	0	SICP:	0	
Place	oing unit. Fil OSU. Est 12	II tbg W/ 3 BV 257 BWTR. oduction @ 10	V. Pressure	\"), 1-6' & 1-4' \\ test tbg & pur 5/2007 W/ 86"	mp to 200 p	si. Strok	ke pum	p up W/ uni	it to 800 psi	i. Good	pump a	action
Fluid	lost/recove	-	3	254	RECOVER Starting oil Oil lost/rec Cum oil rec	rec to d overed t	ate: oday: ຼ					
Fluid	<u>lost/</u> recove ng fluid to b		*************	254 7	Starting oil	rec to d overed t	ate: oday: _	Fluid Rate:		 _Final c	oil cut:_	
Fluid Endir	lost/recove	ered today: e recovered:	3 1257 FTP	254 7 2:	Starting oil Oil lost/rec Cum oil rec	rec to d overed t	ate: oday: _		cos	<u> </u>		
Fluid Endir IFL:	lost/recovering fluid to b	ered today: e recovered: FFL:	3 1257 FTP	254	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL	rec to dovered to	ate: oday: ୂ Final	We	COS estern #2 ri	<u>TS</u>	\$1	,764
Fluid Endir IFL:	lost/recove	ered today: e recovered: FFL:	3 1257 FTP	254 7 1: CI ROI 1 1/2" X 26'	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re	rec to dovered to covered:	ate: oday: ୂ Final	We A & B grad	COS estern #2 ri le rod strin	TS g g	\$1 \$15	,165
Fluid Endir IFL: KB	I lost/recovering fluid to b	ered today: e recovered: FFL:	3 1257 FTP	254	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re	rec to dovered to covered:	ate: oday: ୂ Final	We A & B grad	COS estern #2 ri	TS g g	\$1 \$15	·····
Fluid Endir IFL: KB	TUB 12.00' 2 7/8 J-55	ered today: ne recovered: FFL: BING DETAIL	3 1257 FTP	254 7 1: CI ROI 1 1/2" X 26'	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re	rec to dovered to covered:	ate: oday: Final	We A & B grad CI	COS estern #2 ri le rod strin	TS g g	\$1 \$15 \$1	,165
Fluid Endir IFL: KB	TUB 12.00' 2 7/8 J-55 TA (2.80' (ered today: ee recovered: FFL: BING DETAIL tbg (5683.76	3 1257 FTP	254 7 1: CI RO 1 1/2" X 26' 1-6' & 1-4' X	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re (3/4" pony capered roc	rec to dovered to covered:	ate: oday: Final	We A & B grad CI NPC frac t	COS estern #2 ri de rod strin	TS g g p	\$1 \$15 \$1 \$1	,165 ,800
Fluid Endir IFL: KB 182	12.00' 2 7/8 J-55 TA (2.80' (2.7/8 J-55)	ered today: ee recovered: FFL: BING DETAIL tbg (5683.76	3 1257 FTP	254 7 1: CI RO 1 1/2" X 26' 1-6' & 1-4' X 100-3/4" scr	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re (3/4" pony rapered roc rods	rec to dovered to covered:	ate: oday: Final	We A & B grad CI NPC frac t NPC swb	COS estern #2 ri de rod strin DI rod pum ks(5X5 dys	TS g g p p	\$1 \$15 \$1 \$1	,800 ,000
Fluid Endir IFL: KB 182	12.00' 2 7/8 J-55 TA (2.80' (2.7/8 J-55) SN (1.10'	ered today: le recovered: FFL: BING DETAIL tbg (5683.76 © 5695.76' k tbg (31.59')	3 1257 FTP	254 7 1: CI RO 1 1/2" X 26' 1-6' & 1-4' X 100-3/4" scr 7-3/4" plain	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re (3/4" pony rapered roc rods upered rods	rec to dovered to covered: od rods ds	ate: oday: Final	We A & B grad CI NPC frac t NPC swb	COS estern #2 ri de rod strin OI rod pum ks(5X5 dys o tk (4 days	TS g g p p s)	\$1 \$15 \$1 \$1	,165 ,800 ,000 \$160
KB 182	12.00' 2 7/8 J-55 TA (2.80' (2.7/8 J-55) SN (1.10'	tbg (5683.76' ktbg (5730.15' ktbg (60.36')	3 1257 FTP	254 7 : CI RO 1 1/2" X 26' 1-6' & 1-4' X 100-3/4" scr 7-3/4" plain 95-3/4" scra	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re (3/4" pony rapered roc rods spered rods	rec to dovered to covered: od rods ds	ate: oday: Final	We A & B grad CI NPC frac t NPC swb NP	COS estern #2 ri de rod strin OI rod pum ks(5X5 dys o tk (4 days C frac hea	TS g g p s) d k	\$1 \$15 \$1 \$1 \$1	,800 ,000 \$160
KB 182	12.00' 2 7/8 J-55 TA (2.80' (2.7/8 J-55) SN (1.10' 2 7/8 J-55	tbg (5683.76 @ 5695.76' k tbg (31.59') @ 5730.15' k tbg (60.36')	3 1257 FTP	254 7 : CI ROI 1 1/2" X 26' 1-6' & 1-4' X 100-3/4" scr 7-3/4" plain 95-3/4" scra 20-3/4" scra	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished rec 3/4" pony rapered roc rods spered rods spered rods ght rods	rec to decovered to covered:	ate: oday: Final	We A & B grad CI NPC frac t NPC swb NP	COS estern #2 ride rod string OI rod pum ks(5X5 dys o tk (4 days C frac head	TS g g p s) d k	\$1 \$15 \$1 \$1 \$1	,165 ,800 ,000 \$160 \$500
KB 182	12.00' 2 7/8 J-55 TA (2.80' (2 7/8 J-55) SN (1.10' 2 7/8 J-55 2 7/8 NC (tbg (5683.76 @ 5695.76' k tbg (31.59') @ 5730.15' k tbg (60.36')	3 1257 FTP	254 7 :	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re 3/4" pony rapered roce rods spered rods spered rods ght rods 1 1/2" X 1	rec to decovered to covered: od rods ds (2")	ate: oday: Final	We A & B grad CI NPC frac t NPC swb NP	COS estern #2 ride rod string OI rod pum ks(5X5 dys o tk (4 days C frac head	TS g g p s) d k	\$1 \$15 \$1 \$1 \$1	,165 ,800 ,000 \$160 \$500
KB 182	12.00' 2 7/8 J-55 TA (2.80' (2 7/8 J-55) SN (1.10' 2 7/8 J-55 2 7/8 NC (tbg (5683.76 @ 5695.76' k tbg (31.59') @ 5730.15' k tbg (60.36')	3 1257 FTP	254 7 : CI RO 1 1/2" X 26' 1-6' & 1-4' X 100-3/4" scr 7-3/4" plain 95-3/4" scra 20-3/4" scra 6-1 1/2" wei CDI 2 1/2' X	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re 3/4" pony rapered roce rods spered rods spered rods ght rods 1 1/2" X 1	rec to decovered to covered: od rods ds (2")	ate: oday: Final	We A & B grad CI NPC frac t NPC swb NP	COS estern #2 ride rod string OI rod pum ks(5X5 dys o tk (4 days C frac head	TS g g p s) d k	\$1 \$15 \$1 \$1 \$1	,165 ,800 ,000 \$160 \$500
KB 182	12.00' 2 7/8 J-55 TA (2.80' (2 7/8 J-55) SN (1.10' 2 7/8 J-55 2 7/8 NC (tbg (5683.76 @ 5695.76' k tbg (31.59') @ 5730.15' k tbg (60.36')	3 1257 FTP	254 7 : CI RO 1 1/2" X 26' 1-6' & 1-4' X 100-3/4" scr 7-3/4" plain 95-3/4" scra 20-3/4" scra 6-1 1/2" wei CDI 2 1/2' X	Starting oil Oil lost/rec Cum oil rec noke: D DETAIL polished re 3/4" pony rapered roce rods spered rods spered rods ght rods 1 1/2" X 1	rec to decovered to covered: od rods ds (2")	ate: oday: Final	We A & B grad CI NPC frac t NPC swb NP	estern #2 ride rod strin DI rod pum ks(5X5 dys o tk (4 days C frac hea biate HO tr supervisio	TS g g p s) d k	\$1 \$15 \$1 \$1 \$1	,165 ,800 ,000 \$160 \$500

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 3990'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	176' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 43 sx Class "G" cement down 5 ½" casing to 374'

The approximate cost to plug and abandon this well is \$42,000.

Federal 13-15-9-16

Spud Date: 5-21-07 Put on Production: 6-25-07

GL: 5840' KB: 5858'

Proposed P & A Wellbore Diagram

Cement top @ 56'

Casing Shoe @ 324'

Initial Production: BOPD,

MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

LENGTH:.7 jnts (312.81') DEPTH LANDED: 323.71' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 1bbls cmt to surf.

Pump 43 sx Class "G" Cement down 5-1/2" casing to 374'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below

PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 135 jts. (5899.55') DEPTH LANDED: 5944.14' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 56'

176' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2750'-2926')



CIBP @ 3990' 4040-4048'

(1417'-1537')

4610-4617

4803-4809 4829-4834

5467-5481

5732-5743

PBTD @ 5912'

TD @ 5960'

NEWFIELD

Federal 13-15-9-16

717' FSL & 469' FWL

SW/SW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33136; Lease #UTU-39713



Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA

Division Director

August 22, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 13-15-9-16, Section 15, Township 9
South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33136

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
- 5. Because the cement tops are problematic in the Monument Federal 23-15 well (43-013-31373) and the Federal 41-21Y (43-013-31392), pressure between the surface casing and the production casing in these wells shall be monitored on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
- 6. The top of the injection interval shall be limited to a depth no higher than 3,889 feet in the Federal 13-15-9-16 well.



Page 2 August 22, 2012 Conversion Approval Federal 13-15-9-16 well

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers

Associate Director

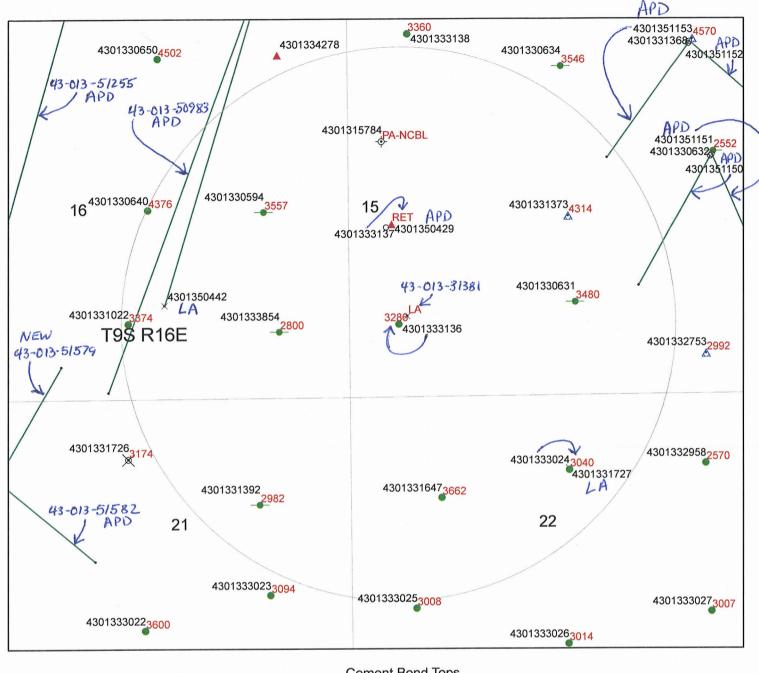
JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County

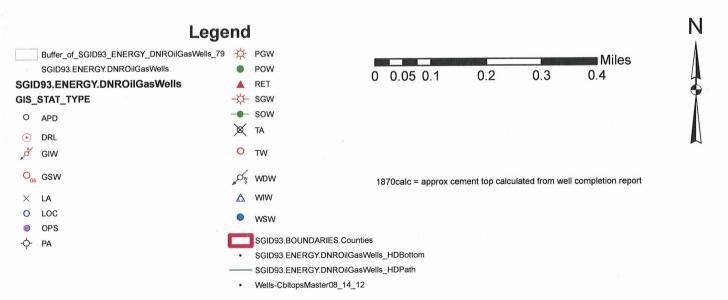
Newfield Production Company, Myton

Well File

N:\O&G Reviewed Docs\ChronFile\UIC



Cement Bond Tops FEDERAL 13-15-9-16 API #43-013-33136 UIC 392.3



DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: Newfield Production Company	_ Well:	<u>Federal 13-15-9-16</u>	
Location: 15/9S/16E	API:	43-013-33136	_

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production easing is set at 5,944 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,286 feet. A 2 7/8 inch tubing with a packer will be set at 3,990 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 5 producing wells, 1 injection well, 1P/A well, and 3 shut-in wells in the AOR. In addition, there are 2 approved surface locations outside the AOR from which directional wells will be drilled to bottom hole locations inside the AOR, and there is 1 approved surface location outside the AOR for a horizontal well which will have its traverse passing through the western part of the AOR. Most of the existing wells appear to have adequate casing and cement for the proposed injection interval. However, there are two wells with somewhat problematic cement tops. The Monument Federal 23-15 well (API# 43-013-31373) is an active injection well located within the AOR approximately 0.3 mile northeast of the Federal 13-15 well. Based on the CBL (11/1/1993), the good cement top appears to be at about 4,314 feet. However, it is apparent that there are several hundred feet of "lite" cement above that depth. The second well with a problematic cement top is the Federal 41-21Y well (API# 43-013-31392), located approximately 0.4 mile southwest of the Federal 13-15 well. The cement top of 2,982 feet, based on the CBL (8/23/1993), is believed to represent the top of "lite" cement in the 41-21Y well. Newfield will be permitted to inject at the requested interval, but because of some concern about the quality of the cement in these two wells. Newfield will be required to monitor pressure between surface casing and production casing in the 41-21Y well and the 23-15 well on a regular basis.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,889 feet and 5,912 feet in the Green River Formation.

Federal 13-15-9-16 page 2

However, as described in the previous paragraph, Newfield will be required to monitor pressure between surface casing and production casing in the Monument Federal 23-15 well and the Federal 41-21Y well on a regular basis. Information submitted by Newfield indicates that the fracture gradient for the 13-15-9-16 well is 0.74 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,654 psig. The requested maximum pressure is 1,654 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 8/15/2012	
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BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

- Monument Federal 22-12J well located in SE/4 NW/4, Section 12, Township 9 South, Range 16 East API 43-013-15796
- Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16 East API 43-013-32658
- Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16 East API 43-013-33136
- Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16 East API 43-013-33030
- Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33062
- Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16 East API 43-013-33174
- Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33066
- Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 16 East API 43-013-33067
- Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16 East API 43-013-33104
- Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33068
- Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East API 43-013-33145
- Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-31726
- Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East API 43-013-32612
- Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East API 43-013-33027
- Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East API 43-013-33176

Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16 East API 43-013-33178

Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16 East API 43-013-33182

Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East API 43-013-33084

Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33344

Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East API 43-013-31394

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of May, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

Permitting Manager

Newfield Production Company

MONUMENT FEDERAL 22-12J, FEDERAL 5-13-9-16, FEDERAL 13-15-9-16, FEDERAL 7-17-9-16, FEDERAL 1-19-9-16, FEDERAL 5-19-9-16, FEDERAL 1-20-9-16, FEDERAL 3-20-9-16, FEDERAL 5-20-9-16, FEDERAL 9-20-9-16, FEDERAL 9-21-9-16, MONUMENT FEDERAL 31-21-9-16Y, FEDERAL 1-22-9-16, FEDERAL 7-22-9-16, FEDERAL 3-23-9-16, FEDERAL 11-23-9-16, FEDERAL 21-25Y

Cause No. UIC-392

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 S 200 E Roosevelt, UT 84066 via e-mail ubs@ubstandard.com

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 S 500 E Vernal, UT 84078 SITLA 675 E 500 S Ste 500 Salt Lake City, UT 84102-2818

Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jean Sweet



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2012

Via e-mail legals@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>isweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Jean Sweet

Enclosure



Jean Sweet - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-392

From: Ci

Cindy Kleinfelter <classifieds@ubstandard.com>

To:

Jean Sweet <jsweet@utah.gov>

Date:

5/23/2012 3:07 PM

Subject: Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-392

On 5/22/2012 2:09 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: jsweet@utah.gov.

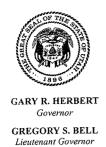
Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary Utah Div. of Oil, Gas & Mining 1594 West Temple, Suite 1210 Salt Lake City, UT 801-538-5329 jsweet@utah.gov

It will be in the May 29 edition. Thank you. Cindy



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2012

Via e-mail naclegal@mediaoneutah.com

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-392

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary

Jan Sweet

Enclosure



From:

"Fultz, Mark" <naclegal@mediaoneutah.com> <jsweet@utah.gov> 5/22/2012 2:32 PM

To:

Date: Subject:

Proof for Notice of Agency Action

Attachments: OrderConf.pdf

AD# 794885 Run SL Trib 5/25/12 Cost \$331.25 Please advise of any changes Thank You Ken







Order Confirmation for Ad #0000794885-01

Client

DIV OF OIL-GAS & MINING

Payor Customer

DIV OF OIL-GAS & MINING

Client Phone

801-538-5340

Payor Phone

801-538-5340

Account#

Payor Account

Address

1594 W NORTH TEMP #1210,P.O. BOX 145801 Payor Address

SALT LAKE CITY, UT 84114 USA

1594 W NORTH TEMP #1210,P.O. BO

SALT LAKE CITY, UT 84114

Fax

801-359-3940

Ordered By

Acct. Exec

EMail

earlenerussell@utah.gov

.lean

kstowe

Total Amount Payment Amt

\$331.25

\$0.00

Tear Sheets

Proofs

Affidavits

Amount Due

\$331.25

PO Number

Newfield Prod UIC-392

Payment Method Confirmation Notes:

Text:

Jean

Ad Type

Ad Size

Color

Legal Liner

3.0 X 87 Li

<NONE>

Product

<u>Placement</u>

Legal Liner Notice - 0998

Position

Salt Lake Tribune:: Scheduled Date(s):

05/25/2012

Product

<u>Placement</u>

Position

sltrib.com:: Scheduled Date(s): Legal Liner Notice - 0998

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

05/25/2012

Product utahlegals.com:: **Placement** utahlegals.com **Position** utahlegals.com

Scheduled Date(s):

05/25/2012

Order Confirmation for Ad #0000794885-01

Ad Content Proof Actual Size

05/22/2012 2:32:33PM

1

Order Confirmation for Ad #0000794885-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

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IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12, 13, 15, 17, 19, 20, 21, 22, 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.
 THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER
 Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for con-
  version to Class II injection wells:
 Greater Morament Butte Units
 Monument Federal 22-121 well located in SE/4 NW/4, Section 12, Township 9 South, Range
  API 43-013-15796
Federal 5-13-9-16 well located in SW/4 NW/4, Section 13, Township 9 South, Range 16
    API 43-013-32658
  Federal 13-15-9-16 well located in SW/4 SW/4, Section 15, Township 9 South, Range 16
    API 43-013-33136
  Federal 7-17-9-16 well located in SW/4 NE/4, Section 17, Township 9 South, Range 16
 East
    API 43-013-33030
  Federal 1-19-9-16 well located in NE/4 NE/4, Section 19, Township 9 South, Range 16
 East
    API 43-013-33062
  Federal 5-19-9-16 well located in SW/4 NW/4, Section 19, Township 9 South, Range 16
  Federal 1-20-9-16 well located in NE/4 NE/4, Section 20, Township 9 South, Range 16 East
    API 43-013-33066
Federal 3-20-9-16 well located in NE/4 NW/4, Section 20, Township 9 South, Range 1 6 East API 43-013-33067
 Federal 5-20-9-16 well located in SW/4 NW/4, Section 20, Township 9 South, Range 16
    API 43-013-33104
 Federal 9-20-9-16 well located in NE/4 SE/4, Section 20, Township 9 South, Range 16 East
    API 43-013-33068
Federal 9-21-9-16 well located in NE/4 SE/4, Section 21, Township 9 South, Range 16 East API 43-013-33145
 Monument Federal 31-21-9-16Y well located in NW/4 NE/4, Section 21, Township 9 South,
API 43-013-31726
Federal 1-22-9-16 well located in NE/4 NE/4, Section 22, Township 9 South, Range 16 East
API 43-013-32612
Federal 7-22-9-16 well located in SW/4 NE/4, Section 22, Township 9 South, Range 16 East API 43-013-33027
Federal 3-23-9-16 well located in NE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-33176
 Federal 11-23-9-16 well located in NE/4 SW/4, Section 23, Township 9 South, Range 16
API 43-013-33178
Federal 15-23-9-16 well located in SW/4 SE/4, Section 23, Township 9 South, Range 16
East
    API 43-013-33182
Federal 3-24-9-16 well located in NE/4 NW/4, Section 24, Township 9 South, Range 16 East API 43-013-33084
Federal 15-24-9-16 well located in SW/4 SE/4, Section 24, Township 9 South, Range 16
East
Federal 21-25Y well located in NE/4 NW/4, Section 25, Township 9 South, Range 16 East API 43-013-31394
 The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative
Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient infor-
mation submitted by Newfield Production Company.
mation scamined by Newheld Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Loke City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this
matter affects their interests.
Dated this 22nd day of May, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
```

05/22/2012 2:32:33PM

/s/Brad Hill Permitting Manager 794885 Sundry Number: 30432 API Well Number: 43013331360000

	FORM 9					
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79834					
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forr	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon n for such proposals.	deepen existing wells below ntal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 13-15-9-16			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013331360000			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0717 FSL 0469 FWL			COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNS	H <mark>IP, RANGE, MERIDIAN:</mark> 15 Township: 09.0S Range: 16.0E Meric	lian: S	STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION			
9/25/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
Nopole Ballo.	WILDCAT WELL DETERMINATION	OTHER	OTHER:			
			· · · · · · · · · · · · · · · · · · ·			
The subject well hinjection well on 0	completed operations, clearly show a nas been converted from a p 19/22/2012. On 09/24/2012 BM was contacted concerning	roducing oil well to an Chris Jensen with the	epths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining			
above listed well. O	n 09/25/2012 the casing wa	s pressured up to 1940	Date: October 11, 2012			
	30 minutes with no pressure		01/103 On 8			
, , ,	test. The tubing pressure w		By:			
test. There was not	t a State representative avail	able to witness the test.				
			•			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMB 435 646-4874	ER TITLE Water Services Technician				
SIGNATURE		DATE	مرائد و هر در			
N/A		10/2/2012				

Sundry Number: 30432 API Well Number: 43013331360000

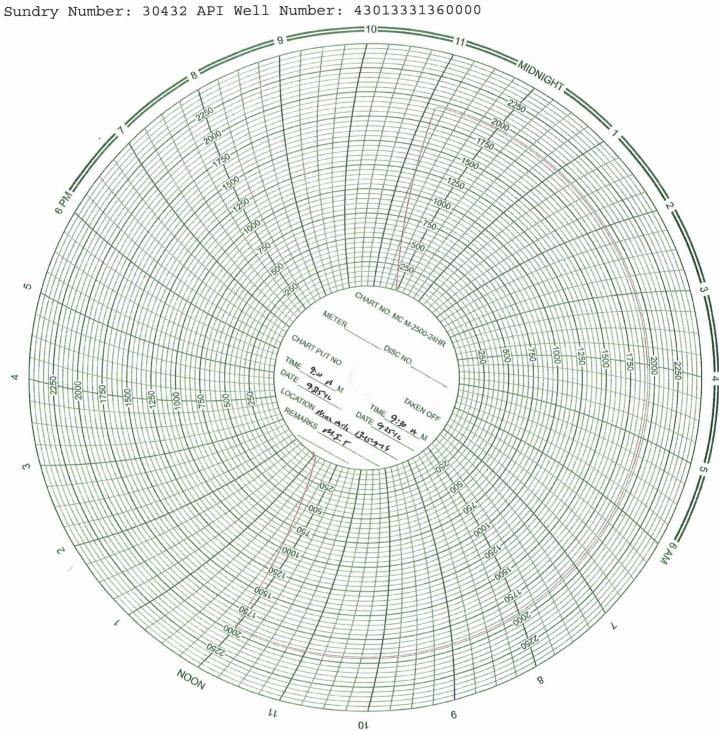
Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date 9/257/2 Time 9:00 ampor
Well: Wine mile 13-15-9-14 Federal Well Location: Wine Mile 13-15-9-16	Field: Monument 1344 API No: 4301333184
·	Caeing Pressure

<u>Time</u>	Casing Pressure	
0 min	1940	psig
5	1940	psig
10	1940	psig
15	1940	psig
20	1940	psig
25	1940	psig
30 min	1940	psig
35		psig
40		psig
45		psig
50		_ psig
55		psig
60 min		_ psig
Tubing pressure:	150	psig
Result:	Pass	Fail

Signature of Witness:			
Signature of Per	son Conducting Test:	They f	Saff



Daily Activity Report

Format For Sundry FEDERAL 13-15-9-16 7/1/2012 To 11/30/2012

9/20/2012 Day: 1

Conversion

NC #2 on 9/20/2012 - MIRUSU, PT Tbg, LD Rod String, X- Over For Tbg - 5:30AM To 6:00AM C/ Travl; MIRUSU, RDPU, H/ Oiler Pumped 70 BW Down Csg, Unseat Rod Pmp, LD Polished Rod, H/ Oiler Pumped 70 BW Total Down Tbg, Soft Seat Rod Pmp, H/ Oiler Filled Tbg W/ 5BW, PT Tbg To 3000psi, GOOD TEST, LD 1- 3/4"x 2' Pony Sub, 100- 3/4" 4per Guided Rods, 7-3/4" Sucker Rods, 115- 3/4" 4per Guided Rods, 6- 1.5" Wt Bars, LD Rod Pmp, X- Over For TbgSWIFN..5:30PM To 6:00PM C/ Travl - 5:30AM To 6:00AM C/ Travl; MIRUSU, RDPU, H/ Oiler Pumped 70 BW Down Csg, Unseat Rod Pmp, LD Polished Rod, H/ Oiler Pumped 70 BW Total Down Tbg, Soft Seat Rod Pmp, H/ Oiler Filled Tbg W/ 5BW, PT Tbg To 3000psi, GOOD TEST, LD 1- 3/4"x 2' Pony Sub, 100- 3/4" 4per Guided Rods, 7- 3/4" Sucker Rods, 115- 3/4" 4per Guided Rods, 6- 1.5" Wt Bars, LD Rod Pmp, X- Over For TbgSWIFN..5:30PM To 6:00PM C/ Travl Finalized

Daily Cost: \$0

Cumulative Cost: \$8,500

9/21/2012 Day: 2

Conversion

NC #2 on 9/21/2012 - NU BOP, POOH W/ Tbg Breaking Collars, LD Remaining Tbg, PU & RIH W/ PKR, PT Tbg - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, ND B1 Adapter, Unset TA, NU Weatherford BOP, RU WorkFloor, H/ Oiler Pumped 40 BW Down Tbg, PU 4- Jts, Tag Fill @ 5900', POOH W/ 128 Jts Of Tbg Breaking, Inspecting & Redoping Pins, Shut Down For Mechanical Work For 2 Hours, H/ Oiler Pumped 30 BW Down Tbg, LD 57- Jts On Trailer, MU & RIH W/ XN Injection PKR, TIH W/ 60 Jts....SWIFN..7:00PM To 7:30PM C/ Travl - 5:30AM To 6:00AM C/ Travl; OWU @ 6:00AM, ND B1 Adapter, Unset TA, NU Weatherford BOP, RU WorkFloor, H/ Oiler Pumped 40 BW Down Tbg, PU 4- Jts, Tag Fill @ 5900', POOH W/ 128 Jts Of Tbg Breaking, Inspecting & Redoping Pins, Shut Down For Mechanical Work For 2 Hours, H/ Oiler Pumped 30 BW Down Tbg, LD 57- Jts On Trailer, MU & RIH W/ XN Injection PKR, TIH W/ 60 Jts....SWIFN..7:00PM To 7:30PM C/ Travl Finalized

Daily Cost: \$0

Cumulative Cost: \$23,252

9/27/2012 Day: 4

Conversion

NC #2 on 9/27/2012 - Conduct initial MIT - On 09/24/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/25/2012 the casing was pressured up to 1940 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test. - On 09/24/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/25/2012 the casing was pressured up to 1940 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test. - OWU @ 6:00AM, Conti TIH W/ XN Injection PKR, H/ Oiler Pumped 10BW Down Tbg, Seated Stnd Valv W/ Sandline, MU Isolation T, PT Tbg @ 3000psi. Watched pressure for 30 min. Pressure dropped 200 psi. Pumped tbg back up to 3000 psi. Tbg held for an hour. Good test. RD rig floor. ND BOP's. NU 3k injection wellhead. Pumped 70 bbls of fresh water w/ packer fluid. Set pkr w/ 1800 tension, CE @ 4012.50'. Pressured up csg w/ 15 bbls fresh

water to 1500 psi. Csg was leaking on surface. Bleed off pressure. Lifted up on flange & tightened threads on csg. Pumped up csg to 1500 psi. Pressured dropped 50 psi in 30 min. Pressure held for one hour. Good test. X-over to rod eq. RDMOU @ 6:30. Final Report!!! -OWU @ 6:00AM, Conti TIH W/ XN Injection PKR, H/ Oiler Pumped 10BW Down Tbg, Seated Stnd Valv W/ Sandline, MU Isolation T, PT Tbg @ 3000psi. Watched pressure for 30 min. Pressure dropped 200 psi. Pumped tbg back up to 3000 psi. Tbg held for an hour. Good test. RD rig floor. ND BOP's. NU 3k injection wellhead. Pumped 70 bbls of fresh water w/ packer fluid. Set pkr w/ 1800 tension, CE @ 4012.50'. Pressured up csg w/ 15 bbls fresh water to 1500 psi. Csg was leaking on surface. Bleed off pressure. Lifted up on flange & tightened threads on csg. Pumped up csg to 1500 psi. Pressured dropped 50 psi in 30 min. Pressure held for one hour. Good test. X-over to rod eq. RDMOU @ 6:30. Final Report!!! - On 09/24/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/25/2012 the casing was pressured up to 1940 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test. - OWU @ 6:00AM, Conti TIH W/ XN Injection PKR, H/ Oiler Pumped 10BW Down Tbg, Seated Stnd Valv W/ Sandline, MU Isolation T, PT Tbg @ 3000psi. Watched pressure for 30 min. Pressure dropped 200 psi. Pumped thg back up to 3000 psi. Thg held for an hour. Good test. RD rig floor. ND BOP's. NU 3k injection wellhead. Pumped 70 bbls of fresh water w/ packer fluid. Set pkr w/ 1800 tension, CE @ 4012.50'. Pressured up csg w/ 15 bbls fresh water to 1500 psi. Csg was leaking on surface. Bleed off pressure. Lifted up on flange & tightened threads on csg. Pumped up csg to 1500 psi. Pressured dropped 50 psi in 30 min. Pressure held for one hour. Good test. X-over to rod eq. RDMOU @ 6:30. Final Report!!! -OWU @ 6:00AM, Conti TIH W/ XN Injection PKR, H/ Oiler Pumped 10BW Down Tbg, Seated Stnd Valv W/ Sandline, MU Isolation T, PT Tbg @ 3000psi. Watched pressure for 30 min. Pressure dropped 200 psi. Pumped tbg back up to 3000 psi. Tbg held for an hour. Good test. RD rig floor. ND BOP's. NU 3k injection wellhead. Pumped 70 bbls of fresh water w/ packer fluid. Set pkr w/ 1800 tension, CE @ 4012.50'. Pressured up csg w/ 15 bbls fresh water to 1500 psi. Csg was leaking on surface. Bleed off pressure. Lifted up on flange & tightened threads on csg. Pumped up csg to 1500 psi. Pressured dropped 50 psi in 30 min. Pressure held for one hour. Good test. X-over to rod eq. RDMOU @ 6:30. Final Report!!! - On 09/24/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 09/25/2012 the casing was pressured up to 1940 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not a State representative available to witness the test. Finalized

Daily Cost: \$0

Cumulative Cost: \$135,129

Pertinent Files: Go to File List

Sundry Number: 32120 API Well Number: 43013331360000

DIVISION OF OIL, GAS, AND MINING SUNDRY NOTICES AND REPORTS ON WELLS Or not use this form for proposate to drill now walls, or to drill horizontal literals. Use APPLICATION FOR PERMIT TO DOILL form for such proposate. 1. TYPE OF WELL MINING OF OPERATOR: OTHER DATE OF OPERATOR. OTHER DATE O		FORM S			
Do not use this form for proposals to drill new wells, significantly despen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION PROPERTY OF THE PROPERTY O	l I	I .			
CONTROL DETECTION DOTALLY TO BELL from for such proposals. 1.17YE OF WELL WINDERLD PROCOUNT ON COMPANY 3. ADDRESS OF OPERATOR: RIS BOX 3530, IN/ton, UT. 84052 436 646-4825 EXI 436 646-4825 EXI 436 646-4825 EXI COUNTY: DOCHESNE 1.17YE OF SUBMISSION TYPE OF SUBMISSION TYPE OF ACTION ACRICE OF WIELT PROVIDED IN TOWNSHIP. RANGE, MERIDIAN: CUI/OUT: SWISW Section: 15 Township: 09.0S Range: 18.0E Meridian: S 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACRICE OF WIELT PROVIDED IN THE CAMPA BANKSON PROCOUNTS AND SECTION OF SUBMISSION PROCOUNTS AND SECTION OF SUBMISSION OF SUBMISSION				_	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
NAME OF OPERATOR: OVER OPERATOR. OVER OPERATOR: OVER OPERATOR: OVER OPERATOR: OVER OPERATOR: OVER OPERATOR. OVER OPERATOR. OVER OPERATOR. OVER OPERATOR. OVER	current bottom-hole depth,	reenter plugged wells, or to drill hor			
NAME (PLEASE PRINT) NAME (PLE	1				I .
Rt 3 Box 3630 , Myton, UT, 84052 435 646-4825 Ext MONUMENT BUTTE LOCATION OF WELL FOOTAGES AT SURFACE: 0717 FSL 0469 FWL OTRORTS, SECTION, TOWNSHIP, RANGE, MERIDIAN: CIT/QIT, SECTION, TOWNSHIP, RANGE, MERIDIAN: 0717 FSL 0469 FWL OTRORTS, SECTION, TOWNSHIP, RANGE, MERIDIAN: CIT/QIT, SWSW Section: 15 Township: 09.05 Range: 16.0E Meridian: S TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE	1	DMPANY			1
FOOTAGES AT SURFACE: 07/17 FSL 0468 FWL 07/17 FSL 0		, 84052 435 646-48			I .
TATE: UTAH 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE ALTER CABING CARING REPAR CHANGE TO PREVIOUS PLANS CHANGE TURNS CHA	FOOTAGES AT SURFACE:				I .
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SIBSCULARY REPORT Date of Proceedings PRACTURE TREAT NEW CONSTRUCTION PLUG AND ABANDON PLUG AND ABANDON PLUG BACK PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON PLUG BACK REPORT RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON PLUG BACK REPORT WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION APD EXTENSION SITE AS TATUS EXTENSION APPLIES OF THE PLUG OF INJUSTION TO THERE PLUG OF INJUSTION TO THERE PLUG OF INJUSTION TO THE PLUG OF INJUSTICAL PROPERTY TO THE PLUG OF INJUSTION TO THE PLUG OF INJUSTICAL PROPERTY TO THE PLUG OF INJUSTION TO THE PLUG OF INJUSTICAL PROPERTY TO THE PLUG		CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
Date of Work Completion: 11/15/2012 GEPPEN FRACTURE TREAT NEW CONSTRUCTION 11/15/2012 GPRATOR CHANGE PLUG AND ABANDON PLUG BACK SPUD REPORT Date of Spud: RECLAMATION of WELL SITE RECOMPLETE DIFFERENT FORMATION DRILLING REPORT WATER SHUTOFF SITA STATUS EXTENSION APD EXTENSION WATER SHUTOFF WILLOAT WELL DETERMINATION OTHER OTHER: Put on Injection 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 3:30 PM on 11/15/2012. NAME (PLEASE PRINT) PHONE NUMBER TITLE Lucy Chavez-Naupoto 435 646-4874 Water Services Technician SIGNATURE DATE	,	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SPUD REPORT Date of Spud: RECLAMATION TART OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION	Date of Work Completion:	DEEPEN	□ F	FRACTURE TREAT	NEW CONSTRUCTION
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REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON TUBBIG REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUTOFF SI TA STATUS EXTENSION AND EXTENSION WATER SHUTOFF SI TA STATUS EXTENSION AND EXTENSION OTHER Put on Injection 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 3:30 PM on 11/15/2012. OTHER Put on Injection	SPUD REPORT	PRODUCTION START OR RESUME	F	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
DRILLING REPORT WATER SHUTOFF SITA STATUS EXTENSION APD EXTENSION OTHER: Put on Injection	Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
NAME (PLEASE PRINT) Lucy Chavez-Naupoto NILDCAT WELL DETERMINATION PHONE NUMBER APD EXTENSION OTHER OTHER OTHER Put on Injection Accepted by the Utah Division of Oil, Gas and Mining Date: November 19, 2012 By: NAME (PLEASE PRINT) Lucy Chavez-Naupoto SIGNATURE DATE		TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL
Date: November 19, 2012 By: NAME (PLEASE PRINT) PHONE NUMBER Lucy Chavez-Naupoto 435 646-4874 SIGNATURE DATE		WATER SHUTOFF	□ s	SI TA STATUS EXTENSION	APD EXTENSION
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 3:30 PM on 11/15/2012. Accepted by the Utah Division of Oil, Gas and Mining Date: November 19, 2012 By: NAME (PLEASE PRINT) Lucy Chavez-Naupoto PHONE NUMBER 435 646-4874 TITLE Water Services Technician SIGNATURE DATE	inopon suito.				
The above reference well was put on injection at 3:30 PM on 11/15/2012. Accepted by the Utah Division of Oil, Gas and Mining Date: November 19, 2012 By: NAME (PLEASE PRINT) Lucy Chavez-Naupoto PHONE NUMBER 435 646-4874 TITLE Water Services Technician SIGNATURE DATE	40 0500005 0000050 00				
NAME (PLEASE PRINT) Lucy Chavez-Naupoto 11/15/2012. PHONE NUMBER 435 646-4874 TITLE Water Services Technician DATE Utah Division of Oil, Gas and Mining Date: November 19, 2012 By: TITLE Water Services Technician	l .				
NAME (PLEASE PRINT) Lucy Chavez-Naupoto PHONE NUMBER 435 646-4874 Vater Services Technician SIGNATURE DATE	The above for		0011011	at c.cc i w cii	Utah Division of
NAME (PLEASE PRINT) Lucy Chavez-Naupoto PHONE NUMBER 435 646-4874 Vater Services Technician SIGNATURE DATE					Date: November 19, 2012
NAME (PLEASE PRINT) Lucy Chavez-Naupoto PHONE NUMBER 435 646-4874 Water Services Technician SIGNATURE DATE					R 102-01/10
Lucy Chavez-Naupoto 435 646-4874 Water Services Technician SIGNATURE DATE					by.
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Lucy Chavez-Naupoto 435 646-4874 Water Services Technician SIGNATURE DATE					
				l .	
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Federal 13-15-9-16

Spud Date: 5-21-07

Put on Production: 6-25-07

Injection Wellbore

GL: 5840' KB: 5858' Diagram SURFACE CASING FRAC JOB Frac CP5 sands as follows: 6-19-07 5732-5743' CSG SIZE: 8-5/8" Cement top @ 56' 40000# 20/40 sand in 406 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1700 psi w/avg rate of 22.2 BPM. ISIP 1980 psi. Calc WEIGHT: 24# flush:5730 gal. Actual flush: 5145 gal. LENGTH:.7 jnts (312.81') Frac CP1 sands as follows: 6-19-07 5467-54813 Casing Shoe @ 324' DEPTH LANDED: 323,71' KB 50251# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1294 psi HOLE SIZE:12-1/4" w/avg rate of 23.3 BPM. ISIP 1690 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 1bbls cmt to surf. flush: 5465 gal. Actual flush: 4872 gal. 6-19-07 4829-4809 Frac B1 & B.5 sands as follows: 14309# 20/40 sand in 248 bbls Lightning 17 frac fluid. Treated @ avg press of 1801 psi w/avg rate of 23.4 BPM. ISIP 1810 psi. Calc flush: 4827 gal. Actual flush: 4221 gal. 6-19-07 4610-4617 Frac D1 sands as follows: 25018# 20/40 sand in 338 bbls Lightning 17 PRODUCTION CASING frac fluid. 21.8 BPM. ISIP 1990 psi. Calc flush: 4608 gal. Actual flush: 4011 gal. CSG SIZE: 5-1/2" 6-19-07 4040-40483 Frac GB4 sands as follows: GRADE: J-55 28952# 20/40 sand in 294 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 1723 psi. Calc WEIGHT: 15.5# flush: 4038 gal. Actual flush: 3948 gal. LENGTH: 135 jts. (5899.55') 09/22/12 Convert to Injection Well DEPTH LANDED: 5944.14' KB Conversion MIT Finalized - update tbg 09/25/12 HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 56' **TUBING** SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 128 jts (3994.3') SN @ 4006' SEATING NIPPLE: 2-7/8" (1.10') On Off Tool @ 4007' SN LANDED AT: 4006.3' KB Packer 4012' ON/OFF TOOL AT: 4007.4° X/N Nipple @ 4021' SEAL NIPPLE AT: 4008.93 EOT @ 4022 ARROW #1 PACKER CE AT: 4012.5' 4040-4048' XO 2-3/8 x 2-7/8 J-55 AT: 4016.2' TBG PUP 2-3/8 J-55 AT: 4016.7° X/N NIPPLE AT: 4020.7° TOTAL STRING LENGTH: EOT @ 4022' PERFORATION RECORD 6-13-07 5732-5743 4 JSPF 36 holes 6-19-07 5467-54813 4 JSPF 56 holes 4610-4617 6-19-07 20 holes 6-19-07 4803-4809' 4 ISPF 20 holes 4803-4809 6-19-07 4610-4617 4 JSPF 28 holes 4829-4834 6-19-07 4040-4048' 4 JSPF 32 holes 5467-54813 5732-5743' **NEWFIELD**

PBTD @ 5912'

TD @ 5960'



Federal 13-15-9-16

717' FSL & 469' FWL

SW/SW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33136; Lease #UTU-39713



GARY R. HERBERT

Governor

GREGORY S. BELL Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-392

Operator:

Newfield Production Company

Well:

Federal 13-15-9-16

Location:

Section 15, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-33136

Well Type:

Enhanced Recovery (waterflood)

Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on August 22, 2012.
- 2. Maximum Allowable Injection Pressure: 1,654 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,889' 5,912')
- 5. Because the cement tops are problematic in the Monument Federal 23-15 well (43-013-31373) and the Federal 41-21Y well (43-013-31392), pressure between the surface casing and the production casing in these wells shall be monitored on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
- 6. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

11-13-2012

Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

SITLA

Eric Sundberg, Newfield Production Company, Denver

Newfield Production Company, Myton

Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



5/25/2012

The Salt Lake Tribune



Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

	DECEIVED		
CUSTOMER NAME ANI	V V D D D E Com	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,	JUN 0 4 2012	9001402352	5/25/2012
1594 W NORTH TEMP #1210	DIV OF OIL GAS & MININ		
P.O. BOX 145801 SALT LAKE CITY, UT 84		BEFORE THE DIVISION OF OIL DEPARTMENT OF NATURA	GAS AND MINING
SALT LAKE CITT, OT 6-		STATE OF UT.	AH ACTION
73 33136 A	ACCOUNT NAME	CAUSE NO. URC	-392
W 13-15-9-16 DIV OF	OIL-GAS & MINING,	IN THE MATTER OF THE APPLICATION OF NEWFIELD : TIVE APPROVAL OF CERTAIN WELLS LOCATED IN Sec 23, 24, AND 25, TOWNSHIP 9 SOUTH, RANGE 16 E II INJECTION WELLS. THE STATE OF UTAM TO ALL PERSONS INTERESTED IN	
16E 15		Notice it hereby given that the Division of Oil, Gas an informal adjudicative preceding to consider the	and Mining Ithe "Division") is common
TELEPHONE	ADORDER#	for administrative approval of the following wells version to Class II injection wells: Greater Monument Butte Units	located in Duchesne County, Utah, for
8015385340	0000794885	Monument Federal 22-12) well located in SE/4 NY 16 East	//4, Section 12, Township 9 South, Ro
	SCHEDULE	API 43-013-15796 Federal 5-13-9-16 well located in SW/4 NW/4, East	Section 13, Township 9 South, Range
		API 43-013-32658 Federal 13-15-9-16 well located in SW/4 SW/4 East	
Start 05/25/2012	End 05/25/2	API 43-013-33136	Section 17, Township 9 South, Rang
	CUST, REF. NO.	API 43-013-33030 Federal 1-19-9-16 well located in NE/4 NE/4, East	Section 19, Township 9 South, Rang
		 API 43-013-33062 Federal 5-19-9-16 well located in SW/4 NW/4, 	Section 19, Township 9 South, Rang
Newfield F	Prod UIC-392	East APt 43-013-33174 Federal 1-20-9-16 well located in NE/4 NE/4, Se	ction 20, Township 9 South, Range 16
	CAPTION	API 43-013-33066 Federal 3-20-9-16 well located in NE/4 NW/4, Se API 43-013-33067	
FEORE THE BUILDING OF OU	AND MUNIC DEBARTME	Federal 5-20-9-16 well located in SW/4 NW/4, East - API 43-013-33104	
BEFORE THE DIVISION OF OIL, GAS A	AND MINING DEPARTME	 Faderal 9-20-9-16 well located in NE/4 SE/4, Sec API 43-013-33068 Federal 9-21-9-16 well located in NE/4 SE/4, Sec 	
	SIZE	API 43-013-33145 Monument Federal 31-21-9-16Y well located in N Range 16 East	
87 Lii	nes 3.00	API 43-013-31726 (Federal 1-22-9-16 well located in NE/4 NE/4, Sec API 43-013-32612	ction 22, Township 9 South, Range 16
TIMES		Federal 7-22-9-16 well located in SW/4 NE/4, Se API 43-013-33027 Federal 3-23-9-16 well located in NE/4 NW/4, Se	
	THE PARTY OF THE P	API 43-013-33176 Federal 11-23-9-16 well located in NE/4 SW/4	
3		East API 43-013-33178 Federal 15-23-9-16 well located in SW/4 SE/4.	, Section 23, Township 9 South, Rar
MISC. CHARGES		AD API 43-013-33182 Federal 3-24-9-16 well located in NE/4 NW/4, Si	ection 24, Township 9 South, Range 1
		API 43-013-33084 Federal 15-24-9-16 well located in SW/4 SE/4 East	, Section 24, Township 9 South, Ran
		API 43-013-33344 Federal 21-257 well located in NE/4 NW/4, Secti	
		The proceeding will be conducted in accordance	with Utah Admin. R649-10, Admini
		Procedures: Selected zones in the Green River Formation will requested injection pressures and rates will be de mation submitted by NewHold Production Company. Any person destring to object to the application must file a written protest or natice of interventioning publication of this notice. The Division's Pt. Hill, Permitting Manager, at P.O. Box 145801, Science (801) 538-5340. If such a protest or notice ber described in proceedings with the aforem	termined based on fracture gradier
		Any person desiring to object to the application must file a written profest or natice of intervention of this natice. The Division's Pr	on with the Division within fifteen desiding Officer for the proceeding
	AFFIDAVIT OF PUBLICAT		
VSPAPER AGENCY COMPANY, LLC dba MEDIA	ONE OF UTAH LEGAL BOOKER	Protestants and/or interveners should be prepar 1 C matter affects their interests.	ed to demonstrate at the hearing
RE THE DIVISION OF OIL, GAS AND MINING I E NO. UIC-392 IN THE MATTER OF THE APPL	DEPARTMENT OF NATURAL I	RES STATE OF UTAH DIVISION OF OIL, GAS & MINING	
ANY, LLC dba MEDIAONE OF UTAH, AGENT FOF	R THE SALT LAKE TRIBUNE AN	D Permitting Manager	
ISH LANGUAGE WITH GENERAL CIRCULATION CE IS ALSO POSTED ON UTAHLEGALS COM ON T	IN UTAH, AND PUBLISHED IN S THE SAME DAY AS THE FIRST I	AL MEWSPAPER PUBLICATION DATE AND	REMAINS ON
ILEGALS,COM INDEFINATELY		VIDGIA	HA COAFY
Start 05/25/2012	End 05/25/2	2012 Hotary Public	C. State of Heah
ISHED ON		My Commis	on # 581469 ssion Expires
Tupe Third		January	12,2014
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THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

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Phone: 435-722-5131 Fax: 435-722-4140





Advertiser No.

Invoice Amount

Invoice Number

30968

5/30/2012

Invoice Date

Due Date

2080

\$191.45

6/29/2012

DIVISION OF OIL GAS & MINING Rose Nolton 1594 W. N.TEMPLE STE 121 PO BOX 145801 **SALT LAKE CITY, UT 84114-5801**



1 1/2% fee will be charged to all past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

lintah Basin		DIVISION OF OIL GAS & MINING		Invoice	No. 30968	5/30/2012
Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
5/30/2012	15615 UBS	UBS Legal Notice: Not of Agcy Actn: Newfield Cause No. UIC-392 Pub. May 29, 2012			·	\$191.45
			-		Sub Total:	\$191.45
			Total Transactions	: 1	Total:	\$191.45

SUMMARY

Advertiser No.

2080

Invoice No.

30968

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for _____/ consecutive issues, and that the first publication was on the _____/ day of ____/ May ______, 20_/2__, and that the last publication of such notice was in the issue of such newspaper dated the ___// day of ___// May ______, 20_/2__, and that said notice was published on Utahlegals. com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

/ Publisher

Subscribed and sworn to before me on this

____day of _

, 20 <u>/ Z</u>

by Kevin Ashby.

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-392

BEFORE THE DI-VISION OF OIL, GAS AND MINING, DE-PARTMENT OF NAT-URAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 12-13-15-17.

Published May 22 and 29, 2012.

in advance of the hear-Planning at least 3 days call Duchesne County this meeting should commodations for needing special acutah gov. Persons mpAqe@qncpczue. Utah 84021 or email Box 317, Duchesne, County Planning, P.O. ments to: Duchesue 1151. Or, send com-Hyde at (435) 738mation contact Mike For further infor-

The Duchesne County Commissioners will conduct a public hearing Commission planning Commission proposed Ordinance #12-302 during their phone 18, 2012 meethore beginning at 1:30 County Administration Chambers, Duchesne County Administration County Administration Center Street, Duchesne Building, 734 North Building, 734 North Senter Street, Duchesne Center Street, Duchesne Center, Usait.

restrict the numbers of livestock kept in residential areas,

LEGAL N

Your Right

Christensen, located on the south side of Highway 87 (loka Lane) and the west side of 4000 West, in the NE ¼ of the NE ¼ of Section 2, Township 3 South, Range 2 West.

The Duchesne County Commissioners will conduct a public hearing to review the Planning Commission recommendation and proposed rezone ordinance during their June 18, 2012 meeting, beginning at 1:30 PM in the Commission Chambers, Duchesne County Administration Building, 734 North Center Street, Duchesne, Utah.

For further information contact Mike

SERET PO

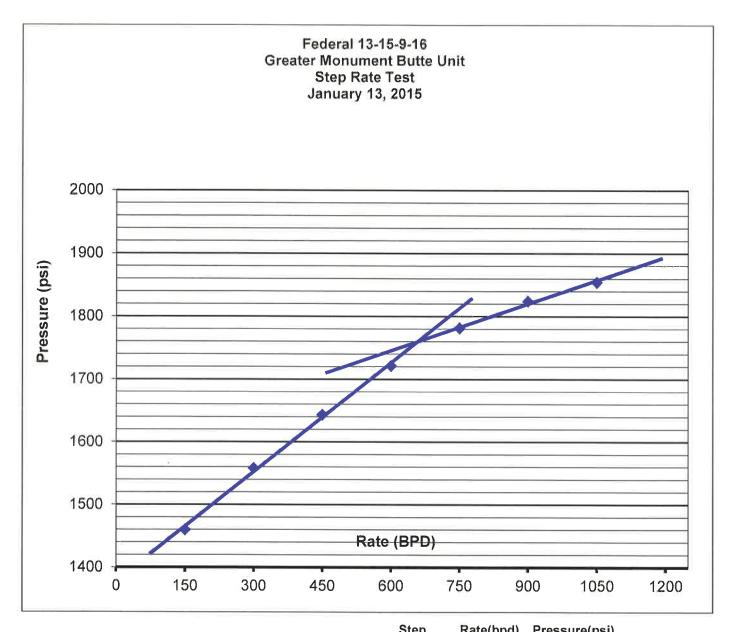
ATORY TECHNI CHEMIST

s an electrical utility states. We have ar a Laboratory Tect a 500 MW coal-final, Utah.

candidate will be re le, and take independent on high pressure PO2 scrubbers, demin potable water, and recandidate must also condensate polishers, bulk chemical handle proputer literate and software.

High School graduate experience as a jou

	STATE OF UTAH		FORM 9			
ι	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-79834			
SUNDR	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: FEDERAL 13-15-9-16			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		9. API NUMBER: 43013331360000			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT,		HONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0717 FSL 0469 FWL			COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSH	<mark>IIP, RANGE, MERIDIAN:</mark> 15 Township: 09.0S Range: 16.0E Meridia	n: S	STATE: UTAH			
11. CHECK	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
1/13/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
,		OTHER	OTHER: Step Rate Test			
		OTHER				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A step rate test was conducted on the subject well on 01/13/2015. Results from the test indicate that the fracture gradient is 0.875 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining						
pressure (iv	1AIP) be changed from 1654 p	isi to 1760 psi.	Date: November 19, 2015			
			By: Daggill			
NAME (PLEASE PRINT)	PHONE NUMBER					
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician				
SIGNATURE N/A		DATE 11/17/2015				



			Step	Rate(bpd)	Pressure(psi)
Start Pressure:	1389	psi	1	150	1460
			2	300	1558
Top Perforation:	4040	feet	3	450	1643
Fracture pressure (Pfp):	1760	psi	4	600	1721
FG:	0.875	psi/ft	5	750	1781
			6	900	1824
			7	1050	1854

Federal 13-15-9-16 SRT Data (1-13-14)

1/14/2015 1:54:59 PM

Date	Time	Time Zone	N87695 Absolute Pressure (psi)		Date	Time	Time Zone	N87695 Absolute Pressure (psi)
1/13/2015	9:15:01 AM	-07:00	1392.0	,	1/13/2015	1:05:01 PM	-07:00	1832.0
1/13/2015	9:20:01 AM	-07:00	1391.8		1/13/2015	1:10:01 PM	-07:00	1830.2
1/13/2015	9:25:01 AM	-07:00	1391.4		1/13/2015	1:15:01 PM	-07:00	1854.2
1/13/2015	9:30:01 AM	-07:00	1390.8					
1/13/2015	9:35:01 AM	-07:00	1390.2					
1/13/2015	9:40:01 AM	-07:00	1389.6					
1/13/2015	9:45:01 AM	-07:00	1389.4					
1/13/2015	9:50:01 AM	-07:00	1428.0					
1/13/2015	9:55:01 AM	-07:00	1441.0					
1/13/2015	10:00:01 AM	-07:00	1446.4					
1/13/2015	10:05:01 AM	-07:00	1452.6					
1/13/2015	10:10:01 AM	-07:00	1456.4					
1/13/2015	10:15:01 AM	-07:00	1459.6					
1/13/2015	10:20:01 AM	-07:00	1517.2					
1/13/2015	10:25:01 AM	-07:00	1531.4					
1/13/2015	10:30:01 AM	-07:00	1540.8					
1/13/2015	10:35:01 AM	-07:00	1547.2					
1/13/2015	10:40:01 AM	-07:00	1551.0					
1/13/2015	10:45:01 AM	-07:00	1557.6					
1/13/2015	10:50:01 AM	-07:00	1611.0					
1/13/2015	10:55:01 AM	-07:00	1623.8					
1/13/2015	11:00:01 AM	-07:00	1628.6					
1/13/2015	11:05:01 AM	-07:00	1635.4					
1/13/2015	11:10:01 AM	-07:00	1640.2					
1/13/2015	11:15:01 AM	-07:00	1643.2					
1/13/2015	11:20:01 AM	-07:00	1688.2					
1/13/2015	11:25:01 AM	-07:00	1707.6					
1/13/2015	11:30:01 AM	-07:00	1712.4					
1/13/2015	11:35:01 AM	-07:00	1717.6					
1/13/2015	11:40:01 AM	-07:00	1723.2					
1/13/2015	11:45:01 AM	-07:00	1721.0					
1/13/2015	11:50:01 AM	-07:00	1763.4					
1/13/2015	11:55:01 AM	-07:00	1768.0					
1/13/2015	12:00:01 PM	-07:00	1771.2					
1/13/2015	12:05:01 PM	-07:00	1779.0					
1/13/2015	12:10:01 PM	-07:00	1779.4					
1/13/2015	12:15:01 PM	-07:00	1781.2					
1/13/2015	12:20:01 PM	-07:00	1812.2					
1/13/2015	12:25:01 PM	-07:00	1809.0					
1/13/2015	12:30:01 PM	-07:00	1812.4					
1/13/2015	12:35:01 PM	-07:00	1820.8					
1/13/2015	12:40:01 PM	-07:00	1816.2					
1/13/2015	12:45:01 PM	-07:00	1824.2					
1/13/2015	12:50:01 PM	-07:00	1835.2					
1/13/2015	12:55:01 PM	-07:00	1838.8					
1/13/2015	1:00:01 PM	-07:00	1840.8					

Federal 13-15-9-16 ISIP Data (1-13-14) 1/14/2015 1:55:35 PM

Date	Time	Time Zone	N87695 Absolute Pressure (psi)
1/13/2015	1:15:21 PM	-07:00	1846.4
1/13/2015	1:16:21 PM	-07:00	1741.6
1/13/2015	1:17:21 PM	-07:00	1713.4
1/13/2015	1:18:21 PM	~07:00	1695.2
1/13/2015	1:19:21 PM	-07:00	1681.2
1/13/2015	1:20:21 PM	-07:00	1670.4
1/13/2015	1:21:21 PM	-07:00	1660.6
1/13/2015	1:22:21 PM	-07:00	1652.0
1/13/2015	1:23:21 PM	-07:00	1644.8
1/13/2015	1:24:21 PM	-07:00	1638.0
1/13/2015	1:25:21 PM	-07:00	1632.2
1/13/2015	1:26:21 PM	-07:00	1626.4
1/13/2015	1:27:21 PM	-07:00	1621.8
1/13/2015	1:28:21 PM	-07:00	1617.0
1/13/2015	1:29:21 PM	-07:00	1613.0
1/13/2015	1:30:21 PM	-07:00	1608.8
1/13/2015	1:31:21 PM	-07:00	1604.8
1/13/2015	1:32:21 PM	-07:00	1601.8
1/13/2015	1:33:21 PM	-07:00	1598.2
1/13/2015	1:34:21 PM	-07:00	1595.2
1/13/2015	1:35:21 PM	-07:00	1592.0
1/13/2015	1:36:21 PM	-07:00	1589.0
1/13/2015	1:37:21 PM	-07:00	1586.2
1/13/2015	1:38:21 PM	-07:00	1583.4
1/13/2015	1:39:21 PM	-07:00	1580.8
1/13/2015	1:40:21 PM	-07:00	1578.6
1/13/2015	1:41:21 PM	-07:00	1576.2
1/13/2015	1:42:21 PM	-07:00	1573.8
1/13/2015	1:43:21 PM	-07:00	1571.6
1/13/2015	1:44:21 PM	-07:00	1569.2
1/13/2015	1:45:21 PM	-07:00	1567.2

